

Vision

Developing the total personality of every student in a holistic way by adhering to the principles of **Swami Vivekananda** and **Mahatma Gandhi**.

Mission

- Imparting holistic and man-making education with emphasis on character, culture and value – moral and ethical.
- Designing the curriculum and offering courses that transform its students in to value added skilled human resources.
- Constantly updating academic and management practices towards total quality management and promotion of quality in all spheres.
- Extending the best student support services by making them comprehensive and by evolving a curriculum relevant to student community and society at large.
- Taking steps to make education affordable and accessible by extending scholarships to the meritorious and economically disadvantaged students.
- Moulding the teachers in such a way that they become the role models in promoting Higher Education.

DEPARTMENT OF COSTUME DESIGN AND FASHION

Vision

Our vision is to enable the students to keep pace with the rapid advancements in the Textile industry by providing an opportunity to obtain an insight into the actual working of the Textile industry and emerge as a successful Entrepreneur.

Mission

- To upgrade the knowledge of students in the field of textiles and apparel.
- To bring out the innovative and imaginative skills of the Students.
- To instill the spirit of Entrepreneurship.
- To equip the students with skills & potentialities that together brings out future fashion leaders.

PROGRAMME OUTCOMES (PO)

PO1 - Students have sound knowledge in the field of Textiles and Designing.

PO2 - Students emerge with skill required for a successful Fashion Designer

PO3 - Work together a steam players and creative design leaders

PO4 - Apply their abilities in creating and presenting products

PO5 - Equipped with Entrepreneurial skill to start their own venture.

PO6 - Anticipate challenges and explore sustainability in their design development.

PO7 - Adapt their inspired knowledge and abilities to ongoing changes in global fashion and commercial market

PO8 - Students are equipped with employable quality.

PROGRAMME SPECIFIC OUTCOME PSO)

PSO1 - Have sound subject knowledge which form basis for technical understanding

PSO2 - Self development of skills in the field of Textile and Fashion Designing through experimental learning.

PSO3 - Adapt the inspired knowledge and abilities ongoing changes in Global Fashion Industries.

PSO4 - Can develop Fashion and Design sense as per Current and Future trends.

PSO5 - Student can function independently with ability to promote their personal Design

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COIMBATORE – 641 029

Programme Name: Costume Design and Fashion

Curriculum and Scheme of Examination under CBCS

(Applicable to the students admitted during the Academic Year 2025-2026)

Semester	Part	Subject Code	Title of the Paper	Instruction hours/cycle	Exam. Marks			Duration of Exam (hours)	Credits
					CIA	ESE	TOTAL		
I	I	25TML101	Language I@	6	25	75	100	3	3
	II	25ENG101	English -I	6	25	75	100	3	3
	III	25UCD101	Core Paper 1 – Fashion Designing	4	25	75	100	3	4
	III	25UCD1CL	Core Practical 1 - Basics of Apparel Designing	6	40	60	100	4	3
	III	25UCD1AL	Allied Practical 1 - Fashion Sketching	6	40	60	100	3	5
	IV	25EVS101	Environmental Studies **	2	-	50	50	3	2
	Total			30	-	-	550	-	20
II	I	25TML202	Language II@	6	25	75	100	3	3
	II	25ENG202	English –II	6	25	75	100	3	3
	III	25UCD202	Core Paper 2 - Fiber To Fabric	5	25	75	100	3	4
	III	25UCD2CM	Core Practical 2– Apparel Designing - Children’s Apparel	5	40	60	100	4	3
	III	25UCD2AM	Allied Practical 2 – Personal Grooming & Beauty care	6	40	60	100	4	5
	IV	25VED201	Value Education- Moral and Ethics**	2	-	50	50	3	2
	Total			30	-	-	550	-	20
III	I	25TML303	Language III@	6	25	75	100	3	3
	II	25ENG303	English –III	6	25	75	100	3	3
	III	25UCD303	Core Paper 3- Fabric Structure and Quality	4	25	75	100	3	3
	III	25UCD3CN	Core Practical 3 – Fabric Structure and Quality Analysis	4	40	60	100	3	3
	III	25UCD3AN	Allied Practical 3 - Apparel Designing- Women’s Wear	6	40	60	100	4	5
	IV	25UGC3S1	Skill Based subject 1- Cyber Security	2	100	-	100	3	3
	IV	25TBT301/ 25TAT301/ 25UHR3N1	Basic Tamil* / Advanced Tamil**/ Non-major elective- I**	2	-	75	75	3	2
		25UCD3IT	Internship Training ****	Grade					
	Total			30	-	-	675	-	22
IV	I	25TML404	Language IV@	6	25	75	100	3	3
	II	25ENG404	English –IV	6	25	75	100	3	3
	III	25UCD404	Core Paper 4 – Eco Friendly Textiles and Sustainability	4	25	75	100	3	4
	III	25UCD4CO	Core Practical 4- Sample Development	4	40	60	100	4	4
	III	25UCD4A1	Allied Paper 1 -Apparel Marketing and Merchandising	6	25	75	100	3	5
	IV	25UCD4SL	Skill Based subject 2 Practical – Basics of Computers	2	40	60	100	3	3
	IV	25TBT402/ 25TAT402/ 25UWR4N2	Basic Tamil* / Advanced Tamil**/ Non-major elective- II**	2	-	75	75	3	2
	Total			30	-	-	675	-	24
V	III	25UCD505	Core Paper 5 – Textile Testing and Quality control	5	25	75	100	3	3
	III	25UCD5CP	Core Practical 5 – Textile Testing	4	20	30	50	4	3
	III	25UCD5CQ	Core Practical 6 - Apparel Designing - Men’s wear	6	40	60	100	4	4
	III	25UCD5CR	Core Practical 7 – Computer Aided Design –I	6	40	60	100	4	4
	III	25UCD5EL	Major Elective 1	5	40	60	100	4	5
	IV	-	EDC	2	100	-	100	3	3
	III	25UCD5OP	One Point Credit Programme-Skill sets for Apparel Industry	2	50	-	50	-	1
	-	25UCD5IT	Internship Training ****	Grade					
	Total			30	-	-	600	-	23

VI	III	25UCD606	Core Paper 6 – Technical Textiles	4	25	75	100	3	4
	III	25UCD607	Core Paper 7 – Visual Merchandising	4	25	75	100	3	4
	III	25UCD6CS	Core Practical 8 - Computer Aided Design - II	6	40	60	100	4	4
	III	25UCD6CT	Core Practical 9 – Boutique and Brand Study	3	40	60	100	4	5
	III	25UCD6E1	Major Elective 2	5	25	75	100	3	5
	III	25UCD6Z1	Project Portfolio***	6	20	80	100	-	5
	IV	25UBI6S3	Skill Based subject 3- Basics of IPR	2	100	-	100	3	3
Total				30	-	-	700	-	30
V		25NCC \$/NSS/YRC /PYE/ECC/R RC/ WEC101#	Cocurricular Activities*	-	50	-	50	-	1
Grand Total				-	-	-	3800	-	140

Note :

CBCS – Choice Based Credit system, CIA– Continuous Internal Assessment, ESE– End of Semester Examinations

\$ For those students who opt NCC under Cocurricular activities will be studying the prescribed syllabi of the UGC which will include Theory, Practical & Camp components. Such students who qualify the prescribed requirements will earn an additional 24 credits.

@ Hindi/Malayalam/ French/ Sanskrit – 25HIN/MLM/FRN/SAN101 - 404

* - No End-of-Semester Examinations. Only Continuous Internal Assessment (CIA)

**- No Continuous Internal Assessment (CIA). Only End-of-Semester Examinations (ESE)

*** Project Report – 60 marks; Viva voce – 20 marks; Internal-20 marks

**** The students shall undergo Internship training / field work for a minimum period of 14 working days at the end of the fourth semester during summer vacation and submit the report in the fifth semester which will be evaluated for 100 marks by the concerned guide and followed by an Internal Viva voce by the respective faculty or HOD as decided by the department. According to their marks, the grades will be awarded as given below.

Marks %	Grade
85 – 100	O
70 – 84	D
60 – 69	A
50 – 59	B
40 – 49	C
< 40	U (Reappear)

Major Elective Papers(2 papers are to be chosen from the following 6 papers)

1. Home Furnishing Practical
2. Fabric Care
3. Historic Costumes and Textiles of India
4. Fashion Forecasting
5. Computers in Textile Industry
6. Organization of Garment Unit

Non-Major Elective Papers

1. Human Rights
2. Women's Rights
3. Consumer Affairs

Sub. Code& Title of the Extra Departmental Course (EDC):
25UCD5X1 – Fashion Designing

List of Co curricular Activities:

1. National Cadet Corps (NCC)
2. National Service Scheme (NSS)
3. Youth Red Cross (YRC)
4. Physical Education (PYE)
5. Eco Club (ECC)
6. Red Ribbon Club (RRC)
7. Women Empowerment Cell (WEC)

Note: In core/ allied subjects, no. of papers both theory and practical are included wherever applicable. However, the total credits and marks for core/allied subjects remain the same as stated below.

Tally Table:

S.No.	Part	Subject	Marks	Credits
1.	I	Language – Tamil/Hindi/Malayalam/ French/ Sanskrit	400	12
2.	II	English	400	12
3.	III	Core – Theory/Practical	1600	60
	III	Allied	400	20
		Electives/Project	300	15
4.	IV	Basic Tamil / Advanced Tamil (OR) Non-major electives	150	4
		Skill Based subject	300	9
		EDC	100	3
		Environmental Studies	50	2
		Value Education	50	2
5.	V	Co-curricular Activities	50	1
		Total	3800	140

- 25 % CIA is applicable to all subjects except JOC, COP and SWAYAM courses which are considered as extra credit courses.
 - 100 % CIA for Cyber Security, EDC and Basics of IPR.
 - The students should complete **Health and Wellness Programme (25UHW401)^{###}** in the 4th semester and the completion marks should be submitted through the HOD to the Controller of Examinations. Extra credits will be given to the candidates who have successfully completed.
 - The students should complete any **MOOC course available for Online learning platforms like SWAYAM, NPTEL, Course era^{\$\$}, IIT Bombay Spoken Tutorial, e-Pathshala etc.,** with a minimum of 4 weeks in duration before the completion of the 5th semester and the course completion certificate should be submitted through the HOD to the Controller of Examinations. Extra credits will be given to the candidates who have successfully completed.
- \$\$Note:** One course to be taken from course era for all the under graduate students of self finance stream during the even semester of the I year. Appropriate extra credits and certification as applicable shall be awarded to the students who have completed the course.
- An **Onsite Training** preferably relevant to the course may be undertaken as per the discretion of the HOD.
 - Students who successfully complete **Naan Mudhalvan** courses in 3rd and 5th semester will be given 2 extra credits for each course. They are asked to submit the marks to Controller of Examinations through and undersigned by the HOD.

Semester	Naan Mudhalvan Course Title
III	Banking and Financial services - Paper 1
V	Banking and Financial services - Paper 2

One Point Credit Programme

- At the beginning of the semester, Head of the Department will allocate the subject to one faculty member who will be the Nodal Point of Contact for the Industry.
- The students will be taught by the Industry personnel for 15 hours and by the faculty for 15 hours.
- The Faculty who is nominated as Nodal Point of Contact will schedule the classes that will be handled by the industry personnel. The classes can be scheduled either one hour per week by the industry personnel or can be scheduled as per the convenience of the industry personnel.
- A separate attendance register has to be maintained by the concerned faculty. The student must earn a minimum of 75% in the attendance to enable him to become eligible for then examination.
- Out of 50 marks, passing minimum will be 20 Marks.

One Point Credit Programme - Assessment

Industry Personnel:

Section	Marks	Total
Attendance	5	25
Assessment	50 (Converted to 20)	

Faculty Member:

Section	Marks	Total
Case Study	5	25
Assignment	10	
Seminar (Input on Placement Skills)	5	
Group Discussion	5	

Job Oriented Course (JOC) offered by the Department

For other Department students	For CDF Department students
1. Fabric Tie Dyeing	1. Pattern Drafting
2. Hand printing	2. Natural Dyeing
3. Jewellery Making	3. Fashion Trims
4. Handmade Paper Making	5. Basics of Cosmetology

Diploma Courses offered by the Department

1. Fashion Design
2. Garment Construction
3. Garment Merchandising.

Components of Continuous Internal Assessment

Components		Marks	Total
Theory			
CIA I	75	(75+75 = 150/10)	25
CIA II	75		
Assignment/Seminar		5	
Attendance		5	
Practical			
CIA Practical		25	40
Observation Notebook		10	
Attendance		5	
Project			
Review		15	20
Regularity		5	
Theory (Allied) (External : 55 marks)			
CIA I	55	(55+55)	20
CIA II	55	Converted to 10	
Assignment/Seminar		5	
Attendance		5	
Practical (Allied) (External : 30 marks)			
CIA Practical		10	20
Observation Notebook		5	
Attendance		5	

BLOOM'S TAXONOMY BASED ASSESSMENT PATTERN

K1-Remembering;K2-Understanding;K3-Applying;K4-Analyzing;K5-Evaluating

1. ESE Theory Examination:

(i) CIA I & II and ESE: 75 Marks

Knowledge Level	Section	Marks	Description	Total
K1 Q1 to 10	A (Answer all)	10 x 1 = 10	MCQ	75
K1 – K5 Q11 to 15	B (Either or pattern)	5 x 5 = 25	Short Answers	
K2 – K5 Q16 to 20	C (Either or pattern)	5 x 8 = 40	Descriptive / Detailed	

(ii) CIA I & II and ESE: 55 Marks (Allied)

Knowledge Level	Section	Marks	Description	Total
K1 Q1 to 10	A (Answer all)	10 x 1 = 10	MCQ	55
K2 – K4 Q11 to 15	B (Either or pattern)	5 x 3 = 15	Short Answers	
K2 – K5 Q16 to 20	C (Either or pattern)	5 x 6 = 30	Descriptive / Detailed	

2. ESE Practical Examination:

Knowledge Level	Section	Marks	Total
K3	Experiments Record Work	50	60
K4		10	
K5			

(For Allied papers)			
Knowledge Level	Section	Marks	Total
K3	Experiments	25	30
K4		05	
K5	Record Work		

3. ESE Project Viva Voce:

Knowledge Level	Section	Marks	Total
K3	Project Report	60	80
K4		20	
K5	Viva voce		

Scheme of Evaluation - Health and Wellness Programme (25UHW401)###

Part	Description	Mark
A	Report	40
B	Attendance	20
C	Activities (Observation during Practice)	40
Total		100

Programme Code: 18		B.Sc. COSTUME DESIGN AND FASHION		
Title of the paper: Core Paper 1 – Fashion Designing				
Batch 2025 – 2026	Hours / Week 4	Total Hours 60	Credits 4	Skill Development

Course Objectives

1. To enable the students to develop the ability to create design through flat pattern technique.
2. To impart skills in dart manipulation.
3. To enable the students to learn the skills of standardizing body measurements.

Course Outcomes (CO)

K1 to K5	CO1	Remembering pattern making terminology and steps in taking body measurement
	CO2	Understanding the pattern making techniques.
	CO3	Applying the Drafting/ Draping and Pattern alteration technique in Designing.
	CO4	Analyzing the grain of fabric and standards of good fit.
	CO5	Evaluating appropriate pattern alteration and layouts to minimize the wastage of fabrics.

SYLLABUS**Unit I****(12 Hours)**

FASHION TERMINOLOGIES AND TYPES OF DESIGN – Fashion, Fad, Style, Classic, Collection, Custom made, Mannequin, High fashion, Trend, Advant - garde, Bridge, Buying house, Fashion merchandising, Fashion cycle, Forecasting, Haute couture, Couture, Couturier, Pre- a-porter. Design – Definition and types – Structural and Decorative design.

Unit II**(12 Hours)**

ELEMENTS AND PRINCIPLES OF DESIGN – Line, Shape or form, Colour, Size and texture. Principles - Balance – Formal and Informal, Rhythm – Through repetition, Radiation and Gradation, Emphasis, Harmony and Proportion.

Unit III**(12 Hours)**

COLOUR HARMONIES –Definition, Dimensions of colour, Psychological effects of colour. Colour theories- Prang and Munsell, Colour harmonies - Monochromatic, Analogous, Complementary, Double complementary, Spilt complementary, and Triad colour harmony.

Unit IV**(12 Hours)**

FASHION EVOLUTION AND FASHION DESIGNERS – Fashion Evolution – Fashion cycles, Consumer groups in fashion cycles – Fashion leaders, Fashion innovators, Fashion motivators, Fashion victims, and Fashion followers. Adoption of fashion – Trickle down, Trickle up and Trickle across theory. Factors Influencing Fashion Changes– Psychological, Social, Technological, Economical, Political, Legal and Seasonal influence. Indian & International Fashion designers – Brands.

Unit V**(12 Hours)**

WARDROBE PLANNING AND FASHION FORECASTING -Wardrobe planning for different age groups, factors influencing wardrobe selection - Fashion and season. Forecasting – Meaning - Role - Types of Forecasting, Process of Fashion Forecasting, Forecasting trend and culture, **Trend Prediction ***

* denotes Self study

Teaching Methods

Smart Classroom/ PowerPoint presentation/ Seminar/ Quiz/ Discussion/ Flipped Class/ Peer Learning/ Experiential Learning/ Blended learning

TEXTBOOKS

1. Navneetkaur, (2010). *Comdex Fashion Design, Vol-I Fashion Concepts*, New Delhi: Dream Tech Press.
2. Gini Stephens Frings, (2006). *Fashion from Concept to Consumer Seventh Edition*. Pearson Education.
3. Sumathi. G.J,(2007) *Elements of Fashion and Apparel Design*. New Delhi: New Age International Publishers.
4. E. L, Fairchild, (2005). *Fashion Forecasting III Edition*. New York: Brannon Publications

REFERENCE BOOKS

1. Steven Bleicher, Cengage Learning, (2011), *Contemporary Color: Theory and Use*
2. Elsevier (2012) *Colour Design: Theories and Applications Best*
3. Elaine Stone, (2001). *The Dynamics of Fashion*. New York: Fair Child Publications.
4. PoojaKhurana and Monikasrthi, (2007). *Introduction to Fashion Technology*. New Delhi. Firewall Media Pvt, Ltd.
5. Navneetkaur, (2010). *Comdex Fashion Design Vol -II Fashion Concepts*. New Delhi: Dream tech Press.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	H	H
CO2	S	S	S	S	S
CO3	H	S	H	S	S
CO4	H	S	H	M	S
CO5	S	S	H	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Practical 1 – Basics of Apparel Designing				
Batch 2025 – 2026	Hours / Week 6	Total Hours 90	Credits 3	Skill Development

Course Objectives

1. To impart practical exposure in sewing operation.
2. To acquaint students with the knowledge on basic sewing techniques.
3. To impart the knowledge and skills required for garment designing.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the concepts sewing operations
	CO2	Understanding the procedures followed in stitching fabric samples
	CO3	Applying basic sewing techniques
	CO4	Analyzing the essential techniques for garment designing
	CO5	Evaluating the material consumption, cost calculation and overall finished Samples

SYLLABUS

I. INTRODUCTION

Body measurements, Drafting, Draping, Grading and Preparation of Fabric for cutting, Pattern Alteration and Layout.

II. PREPARATION OF SAMPLES

1. Prepare samples for Seams – Plain, Single Top Stitch, Double Top Stitch, Piped Seam.
2. Prepare samples for seam finishes - Edge stitch, Double Stitch, Hems - Seam binding,
3. Prepare samples for Fullness - Darts - Single Pointed, Double pointed. Tucks - Pin, Piped, Scalloped, Cross tucking, Pleats - Knife, Box, Kick, Pinch, Godets, Flares, Gathering, Ruffles.
4. Prepare samples for Neck finishes - Bias facing, Shaped facing.
5. Prepare samples for Plackets - Continuous bound, Two-piece, Zipper,
6. Prepare samples for Yokes - Plain yoke, Yoke with fullness.
7. Prepare samples for Fasteners - Button and button holes, Press buttons, Hooks and Eyes.
8. Prepare samples for Sleeves - Plain, Puff at top / Bottom.
9. Prepare samples for Collars – Peter Pan collar, Shirt, and Chinese.
10. Prepare samples for Pockets - Patch pocket, side seam pocket and set in pocket.

Teaching Methods

Demonstration/ Sample preparation / Google classroom
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Text Books

1. Gayatri Verma and Kapil Dev, (2006). Cutting and Tailoring Course. New Delhi: Asian Publishers.
2. K R Zarapker, (2005). Zarapker System of Cutting. New Delhi: Navneet Publications Ltd.
3. Sumathi .G, (2005). Elements of Fashion and Apparel Design II Edition. New Age International Private Ltd Publications.

Reference Books

1. Thangam Subramaniam, (2006). Dress Making- Bombay Tailoring and Embroidery College. Chennai.
2. Ruth Sleight Johnson, (2011). Practical sewing techniques. London: A& C Black publishers.
3. Natalie Bray, (2005). Dress Fitting. Om Books International Publication.
4. Charlotte Gerling's, (2015). Anyone can sew. Arcturus Publishing.
5. Natalie Bray, (2004). More Dress Pattern Designing. Om Books International Publication.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	H	S	S
CO4	S	S	S	S	S
CO5	S	S	S	H	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Allied Practical 1- Fashion Sketching				
Batch 2025 – 2026	Hours / Week 6	Total Hours 90	Credits 5	Skill Development

Course Objectives

1. To enable the students to understand different sketching mediums.
2. To enable the students to gain practical skill in rendering fabric texture.
3. To enable the students to gain skill in drawing free hand Croquie.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the shading techniques
	CO2	Understanding the importance of elements and principles of design in fashion Sketching
	CO3	Illustrating different features by using various mediums and shading Techniques
	CO4	Applying garment detailing techniques
	CO5	Evaluating the presentation of the uniqueness

SYLLABUS

1. Sketching on any two types of drawing boards and various drawing and sketching medium – Pencils, Ink, Charcoal, Brushes, Crayons, Water colours and Poster colours.
2. Learning the Fundamental Strokes and Shading techniques.
3. Design - Enlarging and reducing the design or motifs.
4. Drawing Stick, flesh and Free hand Croquie for Boy / Girl, Men / Women.
5. Sketching The Elements of Design - Line, Shape/Form, Colour – Prang Colour chart, Size and Texture.
6. Sketching the Principles of Design - Balance, Harmony, Emphasis, Proportion, and Rhythm.
7. Rendering- Textured material (any two) – Prints – Checks – Plaids - denim, chiffon, velvet, knitted, wool, felt, fur, quilting and lace.
8. Sketching different garment components – Necklines, Collars, Sleeves, Skirt and Pants
9. Drawing Front and Side view of face with various facial features – Lip, Nose, Eyes & Ears.
10. Drawing different Hand and Leg poses.
11. Head Theory – 7 ½ / 8, 10, 12 for Men / Women.
12. Sketching different Accessories- Bag, Belt, Shoe and Hair styles.
13. To illustrate the garment for different occasions – summer, winter, spring, Party and Sportswear with suitable Accessories, hairstyles and Backdrop.

Teaching Methods

Demonstration/ Workshop/Visit to art Galleries/Google Classroom

Text Books

1. Raviraj, (2007). Pencil Shading, Basic Techniques. Chennai: New Century Book House Pvt Ltd.
2. PoojaKhurana & MonikaSethi (2007). Introduction to Fashion Technology. New Delhi: Firewall Media Pvt. Ltd.
3. RanjanaSinghal and Kannaki Bharali, (2010). Fashion Rendering. Noida: Om books Internationals.

Reference Books

1. Pundalik Vaze (2002). Draw and Paint, I Edition. Pune: Jyotsna prakashan.
2. Gopal Nandurkar (2004). Color pencil, Rahul Deshpande, I Edition. Pune - Jyotsna Prakashan.
3. Bina Abling, (2005). Fashion Sketch Book. 4th Edition. New Delhi: Om Books International.
4. Steven Stipelman, (2005). Illustrating Fashion Concept to Creation, 2nd edition, Newyork : Fairchild publication.
5. Kathryn Hagen, (2005). Fashion Illustration for Designer. Upper saddle river New Jersey: Pearson education, Inc., publication.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	S	H	S	S
CO2	H	S	H	S	S
CO3	S	S	H	H	S
CO4	S	S	S	S	M
CO5	H	S	M	S	S

S – Strong**H – High****M – Medium****L – Low**

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper : Core Paper 2 – Fiber to Fabric				
Batch 2025 – 2026	Hours / Week 5	Total Hours 75	Credits 4	Skill Development

Course Objectives

1. To impart the knowledge of fibres, their sources, identification, and properties
2. To inculcate the knowledge of fiber production and conversion to yarn.
3. To enable the students to understand yarn and its classification.

Course Outcomes (CO)

K1 to K5	CO1	Can identify the types of natural and manmade fibers
	CO2	Understanding the manufacturing process
	CO3	Applying the key concepts and theories of spinning methods
	CO4	Analyzing the properties of fibers
	CO5	Assessing the morphological and chemical structure of natural fibre with their physical and chemical properties.

SYLLABUS**Unit I****(15 Hours)**

FIBER CLASSIFICATION AND PROPERTIES – Importance of Textiles, Definition of Fibers, Classification of fibers – Natural and Man-made, Primary and Secondary and additional characteristics of Textile fibers.

Unit II**(15Hours)**

MANUFACTURING PROCESS - NATURAL FIBERS -, Properties and uses of Natural fibers – Cotton, Jute, Linen Silk, Wool and Hair fibers. Non-conventional fibers- Introduction, properties and uses of Bamboo, Coir, Palm. **MAN-MADE FIBERS** - Properties and Uses of Man-made fibers – Viscose rayon, Nylon, Acetate, Polyester and Acrylic

Unit III**(15 Hours)**

SPINNING PROCESS - Spinning –Definition and classification; Chemical and mechanical spinning; blending , opening, cleaning, doubling, carding, combing, drawing, roving, spinning. Yarn - Definition and classification- simple and fancy yarns. Manufacturing Process of sewing threads – cotton and synthetic.

Unit IV**(15 Hours)**

WEAVING AND KNITTING MECHANISM - Weaving mechanism, parts and functions of a simple loom; basic process of dobby and jacquard, Classification of looms , Salient features of automatic looms; Shuttle looms, its advantages - Types of shuttle less looms – Rapier – Projectile. **KNITTING** – Definition, History and Classification, Difference between weaving and knitting, Difference between warp and weft knitting, Principles of knitting, Parts, Types and Functions of knitting Machine.

Unit V**(15 Hours)**

NON WOVENS – Definition, classification of non-woven fabrics, web forming techniques, bonding techniques, and finishing techniques. ***Characteristics of non-woven**, uses of nonwoven fabrics.

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Textiles –Fibre to fabric, Corbmann B.P, International student's edition, Mc Graw Hill. Book company, Singapore,1985.
2. Rob Thames and Hudson, (2014). Manufacturing Process for Textile and Fashion Design: Infinity Press.
3. Ajay Jindal, Rakesh Jindal, (2006). Textile Raw Material. Chandigarh: Abhisek Publications.
4. E.P.G. Gohl, L.D. Vilensky, (2005). Textile Science. C.B.S Publication.

Reference Books

1. Textile Mechanisms in Spinning and Weaving Machines, Ganapathy Nagarajan, Woodhead Publishing India in Textiles,2014.
2. Mechanisms of Flat Weaving Technology, Elena V Chepelyuk, Palitha Bandara and Valeriy V Choogin; Woodhead Publishing series in Textiles,2013.
3. S P Mishra, (2005). A Textbook of Fibre Science and Technology. New Age International Publishers.
4. Premamoy Ghosh, (2004). Fibre Science and Technology. Tata Mcgraw- Hill Publication.
5. "Chemistry and Technology of Fabric Preparation and Finishing" by Charles Tomasino Year: 2014, Publisher: CRC Press

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	H	S	H	S
CO2	H	H	H	M	M
CO3	S	H	M	S	H
CO4	S	H	S	S	H
CO5	S	S	H	S	S

S – Strong**H – High****M – Medium****L – Low**

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Practical 2 – Apparel Designing - Children’s Apparel				
Batch 2025 – 2026	Hours / Week 5	Total Hours 75	Credits 3	Entrepreneurship

Course Objectives

1. To impart knowledge on designing garments for kids.
2. To enable the students practice skill in drafting and pattern making.
3. To educate the students on construction of selected kid's garment design and calculating material consumption and cost of finished

Course Outcomes (CO)

K1 to K5	CO1	Remembering the construction procedures for different kid's wear garments.
	CO2	Understanding the pattern drafting techniques of kid's garments.
	CO3	Applying the practical skill in drafting pattern for selected kid's garment design.
	CO4	Analyzing the fabric suitable for style and for the personality.
	CO5	Evaluating finishing and overall cost of constructed garment.

SYLLABUS

- ✓ Designing, drafting and constructing the following garments with the given features.
- ✓ Construction of the garments based on any theme with specification sheet
- ✓ Material requirements
- ✓ Required measurements – Direct measurement method
- ✓ Cost Calculation of the garment.

I. INTRODUCTION

Body measurements, Designing, Drafting, Draping, Grading and Preparation of Fabric for cutting, Pattern Alteration and Layout, Quality measures to be adopted for Children's Wear.

II. CONSTRUCT THE FOLLOWING GARMENTS WITH SUITABLE ACCESSORIES:

1. BIB – variation in designs
2. JABLA – with or without sleeve, front/Back open
3. HEAD CAP and GLOVES, – with elastic /card.
4. ROMPER - knickers or panty attached, with center front/ back opening, neckline – French binding.
5. A-LINE FROCK – fitted from the shoulders to the hip and then widening to the hem.
6. SUMMER FROCK - yoke at chest line, with opening, any type of sleeve, and skirt with fullness, Neckline Variations- shaped and decorative facing with collar.
7. KNICKER - elastic waist, side pocket / bound pocket.

III. Preparing the Garments using Hand and Machine embroidery - Running, Back, Chain, Feather, Stem, Fishbone, Fly, Satin, Herringbone, Lazy-daisy, French knot, Bullion knot and Buttonhole. **Machine Embroidery** - Straight, Granite, Cording, Satin and Long & Short.

Teaching Methods

Demonstration/ Sample preparation / Google classroom
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Text Books

1. Alison Smith, (2009). The Sewing Book. Britain: Darling Kindersley Ltd.
2. K R Zarapkar, (2005). Zarapkar System of Cutting, New Delhi: Navneet publications.
3. Raul Jewel, (2005). Encyclopedia of Dress Making. New Delhi: A.P.H. Publishing Corporation.

Reference Books

1. Gayatri Verma & KapilDev, (2005). Cutting and Tailoring Course New Delhi: Asian Publishers.
2. Bety Hose good, (2003). New Edition, The Complete Book of Sewing. London: Dorling Kindersley Limited.
3. Pleasant Ville, (2004). Reader's Digest Sewing Guide Complete Guide for Sewing, 13th Edition. The Reader's Digest Association Inc.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	H	H
CO2	H	S	S	S	H
CO3	S	S	S	S	H
CO4	S	S	M	S	S
CO5	S	H	M	M	S

S – Strong

H – High

M – Medium

L – Low

Programme Code : 18	B.Sc. COSTUME DESIGN AND FASHION			
Allied Practical 2 – Personal Grooming & Beauty care				
Batch 2025 – 2026	Hours / Week 6	Total Hours 90	Credits 5	Employability

Course Objectives

- To enable the students to gain knowledge about personal grooming.
- To enable the student to develop knowledge in dressing and makeup to the etiquettes
- To the student makeup to the etiquettes

Course Outcomes (CO)

K3	CO3	Applying suitable makeup for occasion
K4	CO4	Analyzing right procedure for personalities
K5	CO5	Evaluating overall appearance

Syllabus**LIST OF PRACTICALS**

1. Bleaching
2. Facial
3. Hair remover-threading, waxing
4. Hair style – any 3 styles
5. Hair cut – any 3 styles
6. Hair curl, Hair straightening, Hair colouring
7. Make up –Face makeup, bridal make up, party make up
8. Nail treatment – pedicure, manicure, nail art, mehendi
9. Mehendi- Arabic, bridal Saree draping – any 3 styles
10. Visit a beauty parlor.

Teaching Methods

Demonstration/ Sample preparation / Google classroom
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TEXT BOOKS

1. Dr. NeenaKhanna (2011). *Body and Beauty Care*.PustakMahal publishers.
2. Rashmi Sharma (2011). *Herbal Beauty & Body Care*.PustakMahal publishers.
3. Richa Dave, (2006). *Make-up Album*.Navneet Publication.

REFERENCE BOOKS

1. Catherine M. Frangie, (2014). *Milady standard cosmetology*. Milady Publishing Company, 13th Edition.
2. RoshiniDayal, (2008).*Natural Beauty Secrets from India*, Tata publishing Enterprises, LLC,.
3. P.J.Fitzgerald, (2003).*The Complete Book of Hairstyling*.
4. Helena Biggs, (2014). *Nail Art-Inspiring Designs by the world's leading technician*.
5. Tanushree, Podder, (2014). *Beauty solutions*, Pushtakmahal Publishers. New Delhi.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	H	H	S	H
CO2	H	H	H	M	S
CO3	S	H	S	S	M
CO4	S	S	S	H	H

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Paper 3 - Fabric Structure and Quality				
Batch 2025 – 2026	Hours / Week 4	Total Hours 60	Credits 3	Skill Development

Course Objectives

1. To acquaint students with the knowledge on different types of fabric formation techniques.
2. To enable students gain knowledge in fabric structure.
3. To enable the students to know about properties of fabrics.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the techniques involved in fabrications
	CO2	Understanding the methods of fabric manufacturing process
	CO3	Applying fabric structure and design
	CO4	Analyzing the type of fabrication
	CO5	Evaluating the visual and mechanical properties of different fabric structures.

SYLLABUS**Unit I****(12Hours)**

FABRIC STRUCTURE AND APPEARANCE - Relationship between structure and properties like drape, hand, and texture. Fabric Quality and Testing- **Quality Control**: Importance, terminology, and statistical methods. Testing - **Fabric Defects**: Identification, causes, and remedies.

Unit II**(12 Hours)**

PREPARATORY PROCESSES – Singeing, Desizing, Scouring, bleaching, Mercerizing, Sizing, and Calendaring

Unit III**(12 Hours)**

DYEING – Dyes – Classification of dyes – synthetic dyes - direct, vat, reactive, acid, basic, azoic dyes. Vegetable dyes – types. Mordant – Introduction, Classification, Mordanting Techniques, Fastness properties of dyes. Stages of dyeing – Fibre, yarn, fabric and garment. Methods of Dyeing; Batch dyeing – Winch, Jig, Padding, Packagedyeing, Combination dyeing.

Unit IV**(12 Hours)**

PRINTING –Introduction to printing, ***differences between printing and dyeing**, preparation of fabric for printing – Cotton, Linen, Polyester, Wool and Silk, Methods of printing - preparation of screen, printing process, preparation of printing paste, selection of thickening agents. Direct printing, Discharge printing, Resist printing, Batik printing, Tie and dye, Block printing, Stencil printing - chemicals used, process involved.

Unit V**(12 Hours)**

SPECIAL FINISHES - Chemical Finishes- Properties and Uses of Soil Release Finish, Resin Finish, Wicking Finish, Water Proof Finish. Mechanical Finishes- Properties and Uses of Calendaring, Beetling, Embossing, ***Uv protective finish**.

* denotes Self study

Teaching Methods

Smart Class Room/Power point presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. N. Gokarneshan, (2016). Fabric Structure and Design. New Delhi: New Age International.
2. Woven Fabric Structure Design and Product Planning by J. Hayavadana, (2016)
3. Arul Dahiya, MG Kamath, Raghavendra R Hedge and Monika Kannadnguli, (2006).Non-wovens.

Reference Books

1. Navneetkaur, (2010). Comdex Fashion Design, Vol-I Fashion Concepts, New Delhi : Dream Tech press.
2. N. Anbumani, (2007). Fundamentals of Knitting. New Age Publishers.
3. Manmeet Sodhia Varinder Pal Singh, (2003). Knitting Technology. Ludhiana: Kalyani Publishers.
4. Wilhelm Albrecht, Hilmar Fuchs, (2006).Nonwoven Fabrics: Raw Materials, Manufacture, Applications, Characteristics, Testing Processes. Walter Kittelmann John Wiley & Sons.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	H	M	S	H
CO2	H	S	S	S	S
CO3	S	S	S	H	H
CO4	S	S	S	S	S
CO5	S	S	S	S	H

S – Strong**H – High****M – Medium****L – Low**

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper : Core Practical 3- Fabric Structure and Quality Analysis				
Batch 2025 – 2026	Hours / Week 4	Total Hours 60	Credits 3	Skill Development

Course Objectives

1. To impart practical knowledge in analyzing different fabrics.
2. To enable the students to identify the fabric structure.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the basic structure of different fabrics
	CO2	Understanding different types of weave designs and their derivatives along with draft and peg plan.
	CO3	Applying Design, draft and peg plan for other Fancy weaves
	CO4	Analyzing the fabric structures
	CO5	Examining the fabrication of fabric and its structure

SYLLABUS**I. Identify the Design, Draft and Peg Plan, Warp density (Ends per inch), Weft density (Picks per inch), Cover factor, Fabric weight and, Thickness of the following Woven Fabric**

1. Plain weave,
2. Twill weave,
3. Satin/Sateen,
4. Honeycomb,
5. Huck- a-back
6. Crepe weaves,
7. Extra Warp,

II. Identify the Structure , Coarse per inch, Wales per inch, Tightness factor Knitted Fabric

1. Single Jersey knit
2. Interlock knit
3. Rib
4. Jacquard Knit

III. Collection of Nonwoven Fabric-

1. Felting,
2. Fusing,
3. Laminating,
4. Braiding,
5. Crocheting and
6. Bonding

Teaching Methods

Demonstration/ Sample preparation / Google classroom

Text Books

1. Structural Textile Design Interlacing and Interlooping by Syed Talha Ali Hamdani, Khubab Shaker, 2017
2. Warp Knitted Fabrics Construction by Yordan Kyosev, 2019
3. T.R. Ashenhurst, (2008). *Textile Calculation and Structure of Fabric*. Abhishek Publications.
4. N. Gokarneshan, (2009). *Fabric Structure and Design*. New Age International Pvt.Ltd.

Reference Books

1. Hand book of Weaving by Sabit Adanur, 2019
2. Principles of Fabric Formation by Prabir Kumar Banerjee, 2014
3. Meenakshi Rastogi, (2009). *Textile Forming*. Sonali Publications.
4. Z.J. Grosichkli, (2004). *Watson's advanced Textile Design*. Woodhead Publications.

MAPPING

<div style="text-align: center;"> <div>PSO</div> <div>CO</div> </div>	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	H	S
CO2	S	S	H	S	S
CO3	S	H	S	S	S
CO4	M	S	S	H	H
CO5	S	S	S	H	H

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Allied Practical 3 - Apparel Designing - Women’s Wear				
Batch	Hours / Week	Total Hours	Credits	Entrepreneurship
2025 – 2026	6	90	5	

Course Objectives

1. To equip students to design and construct different styles of Women's garment.
2. To impart practical knowledge in drafting and pattern making.
3. To enable students to construct Women's wear for selected design, calculate material consumption and cost of the finished garments.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the construction procedures for different women's wear garments.
	CO2	Understanding the pattern drafting techniques of women's garments.
	CO3	Applying the practical skill in drafting pattern for selected women's garment
	CO4	Analyzing the fabric for different style and personality
	CO5	Evaluating the finishing and overall cost of the garments

SYLLABUS

I. DRAPING

1. Draping techniques, tools and measurements, Preparation of fabric for draping, seam allowances, marking and tracing.

II. CONSTRUCT THE FOLLOWING GARMENTS:

1. **SAREE PETTICOAT**– panel type, decorated bottom-pleated/ruffles
2. **SALWAR & KAMEEZ** - Churidar / palazzo /Patiala
3. **BLOUSE** –fashioned neck, waistband at front, with Sleeve, back / front opening .
4. **SKIRT**–circular / gathered / wrap round / divider skirt / tier skirt / pencil skirt -with- waist band
5. **TOPS**- Variations in neckline, with or without collar, with or without sleeve
6. **NIGHTIE**–with yoke, front open, with sleeve, full length.

III. Preparing samples for Trims and Decorations-

Mirror, Beads, Sequins,

IV. Traditional Embroidery-

Kashida of Kashmir, Phulkari of Punjab, Chamba Rumal of Himachal Pradesh, Kashida of Bihar, Kantha of Bengal, Kasuti of Karnataka, Chikankari of Uttar Pradesh, Kutch of Gujarat.

Teaching Methods

Demonstration/ Sample preparation / Google classroom
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Text Books

1. Helen Joseph-Armstrong, (2014).Pattern making for Fashion Design. Dorling Kindersley Pvt Ltd.
2. Alison Smith, (2009).The Sewing Book. Britain: Darling Kindersley Ltd.
3. K.R Zarapker, (2005). Zarapkar System of Cutting. New Delhi:Navneet publications.
4. Raul Jewel, (2005).Encyclopedia of Dress Making. New Delhi: A.P.H. Publishing Corporation.

Reference Books

1. Gayatri Verma & Kapil Dev, (2005).*Cutting and Tailoring Course*. New Delhi:AsianPublishers.
2. The Reader's Digest Association, (2004). *Reader's Digest Sewing Guide, Complete Guide for Sewing, 13th Edition*. The Reader's Digest Association Inc, Pleasant Ville.
3. Thangam Subramaniam, (2006). *Dress Making*. Chennai :Bombay tailoring andEmbroidery college.

MAPPING

<div> <div>PSO</div> <div>CO</div> </div>	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	H	S
CO2	S	S	S	S	H
CO3	S	H	S	S	S
CO4	S	H	S	S	S
CO5	S	S	S	H	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper : Core Paper 4 - Eco Friendly Textiles and Sustainability				
Batch 2025 – 2026	Hours / Week 4	Total Hours 60	Credits 4	Entrepreneurship

Course Objectives

1. To enable the students to gain knowledge in various processing methods.
2. To educate the students on Dyeing techniques.
3. To impart knowledge on methods of Printing

Course Outcomes (CO)

K1 to K5	CO1	Recollecting the concepts of fabric finishing process
	CO2	Understanding the technique of dyeing and printing
	CO3	Applying the dyeing and printing techniques
	CO4	Analyzing finishing process for different fabrics
	CO5	Evaluating the different methods of effluent treatments

SYLLABUS**Unit I****(12 Hours)**

ECO FRIENDLY TEXTILES-Introduction to Eco friendly fibres , Role of eco-friendly fibres in designing for Sustainability, Eco labels and Certification-Types of eco-labels, National regulations, Global legislations, Green Initiatives by Indian and International Brands.

Unit II**(12 Hours)**

ECO FRIENDLY FINISHES - Aesthetic finishes: Lustre – glazed, moiré, Schreiner, Comfort related finishes: water repellent, Anti-static. Biological control finishes – Moth and Mildew, Anti bacterial, Anti fungi. Control Safety related finishes – flame retardant, Enzymes - Introduction, types and its application for textile processing

Unit III**(12 Hours)**

EFFLUENT TREATMENT – Introduction, Characteristics and treatment of Textiles processing effluents. Effluent treatment processes- Primary, Secondary, Intermediate processes and Tertiary treatments. Effluent management- Zero Liquid discharge process and Zero discharge hazardous chemicals.

Unit IV**(12 Hours)**

SUSTAINABLE FASHION – 4R's in Sustainability-Repair, Recycle, Reuse and Reduce. Moving towards sustainable fashion-Eco fashion, zero waste designing upcycling and recycling, Slow Fashion, Environmental Impact of fast Fashion. Terminologies related to sustainable Fashion-Sustainable Clothing, Eco Design, Eco Label, Green Washing, Green Consumer.

Unit V**(12 Hours)**

SUSTAINABLE TEXTILES – Definition and Importance, Corporate Social Responsibility in the Textiles and Clothing Sector, Environmental Management Systems, Sustainability in dyeing, Finishing, Processing-Enzymatic Processing, Eco Friendly Textile Fibers. Sustainable Fashion-Meaning and Significance, ***Environmental concerns related to fashion, Linear Fashion and Circular Fashion.**

* denotes self study

Teaching Methods

Smart Class Room/Power point presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Apparel Manufacturing Technology, By T. Karthik, P. Ganesan, Gopalakrishnan, CRC Press, 2016
2. Costing for the Fashion Industry by Michael Jeffrey Nathalie Evans ,2011.
3. Leslie Davis Burns et-al, The Business of Fashion: Designing, Manufacturing and Marketing, 4th Edition, Bloomsbury Academic publisher, 2011

Reference Books

1. Leslie Davis Burns et-al, The Business of Fashion: Designing, Manufacturing and Marketing, 4th Edition, Bloomsbury Academic publisher, 2011
2. E- Pellow, (2007). *Dyes and Dyeing*. Chandigarh: Abhishek Publications.
3. Ajay Kr. Gupta, (2005). *Textile Processing with Effluent Treatment*. New Delhi.
4. J.L. Smith, (2009). *Textile Processing, Printing, Dyeing,Finishing*. Abhishek Publications.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	H	S	H
CO2	S	S	H	S	H
CO3	S	S	S	H	S
CO4	S	S	H	S	H
CO5	S	S	S	S	H

S – Strong**H** – High**M** – Medium**L** – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper : Core Practical 4 – Sample Development				
Batch 2025 – 2026	Hours / Week 4	Total Hours 60	Credits 4	Entrepreneurship

Course Objectives

1. To enable students get practical skill in basic preparatory process
2. To familiarize with the principles of processing textiles
3. To impart knowledge in textile dyeing and printing

Course Outcomes (CO)

K1 to K5	CO1	Remembering the principles and mechanism of fabric pre treatments
	CO2	Understanding various techniques of textile wet processing
	CO3	Implement fabric finishing process
	CO4	Determine the methods of finishing techniques for raw material
	CO5	Evaluate the processing techniques

SYLLABUS

I. LIST OF EXPERIMENTS:

1. Fabric Sourcing
2. Fabric Processing - Desizing, Scouring, Bleaching, Mercerizing
3. Product Development – Dyeing, Printing and Finishing
4. Costing
5. Communication Report

II. PREPARATION OF SAMPLES -

1. **Prepare samples for Dyeing**-Direct dye, Sulphur dye, Vat dyes, Disperse dyes, Reactive dyes, Acid dyes, Basic dyes, Natural dyes with mordant application
2. **Prepare samples for Tie and Dye** - Methods–Tying, Tritic, Marbling, Object, Knotting, Stripes, checks, Bandhani and Shibori - Single colour / Double colour / Multi colour
3. **Prepare samples for Block Printing**-Vegetable/ wooden blocks/ Nail blocks- single and double colour.
4. **Prepare samples for Stencil Printing**–Sponge technique, Brush Technique, Painting technique (Positive and Negative)
5. **Prepare samples for Batik Printing**–Splash, Marbeling, Freehand (Single colour, double colour and Multi colour)

Teaching Methods

Demonstration/ Sample preparation / Google classroom
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Text Books

1. Apparel Manufacturing Technology, By T. Karthik, P. Ganesan, Gopalakrishnan, CRC Press, 2016
2. Costing for the Fashion Industry by Michael Jeffrey Nathalie Evans ,2011.
3. Leslie Davis Burns et-al, The Business of Fashion: Designing, Manufacturing and Marketing, 4th Edition, Bloomsbury Academic publisher, 2011

Reference Books

1. Leslie Davis Burns et-al, The Business of Fashion: Designing, Manufacturing and Marketing, 4th Edition, Bloomsbury Academic publisher, 2011
2. E- Pellow, (2007). *Dyes and Dyeing*. Chandigarh: Abhishek Publications.
3. Ajay Kr. Gupta, (2005). *Textile Processing with Effluent Treatment*. New Delhi.
4. J.L. Smith, (2009). *Textile Processing, Printing, Dyeing,Finishing*. Abhishek Publications.

MAPPING

<div>PSO</div> <div>CO</div>	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	H	S	S
CO2	S	H	S	S	H
CO3	S	H	M	H	H
CO4	S	S	S	S	S
CO5	S	S	S	H	H

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Allied Paper 1 - Apparel Marketing and Merchandising				
Batch 2025 – 2026	Hours / Week 6	Total Hours 90	Credits 5	Employability

Course Objectives

1. To impart knowledge on marketing function
2. To enable the students to know various marketing concepts in Apparel Industry
3. To educate on costing and sales promotion

Course Outcomes (CO)

K1 to K5	CO1	Recognize the concepts of marketing function
	CO2	Understanding the various methods involved for successful retailing
	CO3	Applying the key concepts for marketing
	CO4	Analyzing the various methods of branding for types of apparel and costing
	CO5	Evaluating SWOT analysis and sales promotion techniques

SYLLABUS**Unit I****(18 Hours)**

MARKET AND MARKETING FUNCTION- Meaning and Classification, Fashion marketing, market - Levels of market, Marketing environment – Micro and Macro marketing environment. Marketing Function – Definition, Buying, Assembling, Grading –Standardization. The fashion industry and new product development, Product mix and range planning.

Unit II**(18 Hours)**

COSTING - Costing- Methods of Costing, Importance of Costing in Apparel industry-elements of Costing, Principles of Costing. Cost estimation of yarn and fabric, Cost estimation for dyeing, printing, embroidery, cutting, stitching, checking, packing, final inspection, shipping and insurance. Costing of various Garments- Children's wear Women's wear and Men's wear.

Unit III**(18 Hours)**

BRANDING & ADVERTISING –Definitions, Scope of Branding, Role of Brands, Brand equity, Elements of Branding, Types of brand and advantages of Branding, Branding Stages-Brand Strategies. Fashion advertising, objectives and importance of advertising, types of advertisement. Advertising media used in apparel market–Advantages and Limitations.

Unit IV**(18 Hours)**

SALES PROMOTION & RETAILING - Personal selling, Sales promotion –Objectives and Methods, Retailing – Definition and Types- In store & Non store retailing. Organization factors contributing successful retailing.

Unit V**(18 Hours)**

MERCHANDISING- Merchandiser – essential qualities of a merchandiser; types and functions of merchandisers – fashion merchandiser, visual merchandiser, ***Export merchandiser and retail merchandiser**. INDUSTRY 4.0 – Data types generated in the Retail and Retail E-Commerce.

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Manmeet Sodhia and Poojachatley, (2001). Fashion Marketing and Merchandising.
2. Gini Stephens Fringes, (2002). Fashion from Concept to Consumers 7th Edition. Pearson Education.
3. Kitty G. Dickerson, (2003). Inside the Fashion Business. Singapore: Pearson Education.
4. Krishnakumar. M (2011), Apparel Costing, A functional Approach, Abhishek Publications, Chandigarh.

Reference Books

1. R.S.N. Pillai and Bagavathi, (1996). Modern Marketing –Principles and Practices.
2. Michael T. Fralix, Rajesh Bheda, (2003). Managing Productivity in the apparel industry. New Delhi.
3. Pradip V. Mehta, (2006). Managing Quality in the Apparel Industry.
4. D. Chandra Bose, (2010). Modern Marketing: Principles and Practices. PH1 Learning Pvt. Ltd.
5. Philip Kotler and Kevin Lane, (2006). Marketing Management. Delhi Pearson Education Inc.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	H	H	S	S
CO2	H	M	S	S	H
CO3	S	H	M	H	M
CO4	M	H	S	H	M
CO5	H	S	S	M	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Paper 5 - Textile Testing and Quality control				
Batch	Hours / Week	Total Hours	Credits	Skill
2025 – 2026	5	75	3	Development

Course Objectives

- 1.To enable students to understand the need and importance of testing
- 2.To familiarize students with the different testing equipment's, their principles, quality standards and test methods.
- 3.To acquaint the students with the knowledge of Quality control in textile testing

Course Outcomes (CO)

K1 to K5	CO1	Remembering the concepts of textile testing and quality control
	CO2	Understanding the principles of testing to meet the standards
	CO3	Applying testing methods for achieving the quality
	CO4	Inspecting quality from raw material to product
	CO5	Valuing the techniques used for quality control.

SYLLABUS

Unit I

(15 Hours)

TEXTILE TESTING – Introduction to Textile testing and fibre testing, Need for textile testing, Objectives of testing - Research, Selection of raw materials, Process control, Process development and Product testing. **FIBRE IDENTIFICATION**- Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute, Modal -Microscopic method, Flame test, Chemical test.

Unit II

(15 Hours)

TESTING OF YARN –Yarn Fineness, count of the yarn using wrap reel and Beesley's balance, Yarn Crimp, Yarn appearance, Yarn Hairiness, yarn Twist, Lea strength, Single yarn strength and Elongation.

Unit III

(15 Hours)

TESTING OF FABRIC - GSM, Weight, Thickness and Stiffness. Shrinkage, Strength and Elongation, Drapability, Abrasion, Color matching cabinet and Fabric Count. **ABSORBENCY AND COLOUR FASTNESS TEST**-Absorbency tests –***Sinking**, Capillary Test, and Drop Test, Grey scale and its uses, Colour fastness – Sunlight, Crocking, Pressing, Perspiration and Laundering.

Unit IV

(15 Hours)

QUALITY CONTROL AND QUALITY INSPECTION- Definition, Scope, Functions and Importance of Quality control. Total Quality Management: Meaning and Definition – Objectives – Tools & techniques, Principles, quality trilogy, 4 pillars of TQM, concepts of TQM. **QUALITY INSPECTION** – Definition, Inspection loop, Raw material inspection - Fiber, Yarn, Fabric. In-process inspection - Spreading, Inspection in Cutting, Sewing, Pressing / finishing.

Final Inspection –Size, Measurement and Dress from fitting, AQL, zero defect in final inspection. QUALITY INSPECTION OF ACCESSORIES- Sewing thread, Zippers, Buttons, Buckles and Snap fasteners and Interlinings.

Unit V**(15Hours)**

QUALITY STANDARDS AND QUALITY TOOLS–Introduction, Benefits of standards, Levels of standards, Functions of standards, Advantages of implementing these standards - ASTM, BIS, AATCC, ISO9000 and ISO 14000 series. Introduction to Eco standards. **QUALITY TOOLS** - Seven tools to quality - Cause and effect, Checklist, Control chart, Flow chart, Histogram, Pareto Chart, and Scatter diagram.

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

- 1.Navneetkaur, (2010). Comdex Fashion Design, Vol-I Fashion Concepts New Delhi : Dream Tech Press.
- 2.Ajay Jindal and Rakesh Jindal, (2006). Textile Raw Materials. Abhishek Publications.
- 3.Angappan, P and R. Gopalkrishnan, (2003). Physical testing- SSM institute of Textile Technology Students Co-operative stores Ltd.
- 4.Basker S, (2017), Total Quality Management, Anuradha Publications, Kumbakonam.

Reference Books

- 1.Ruth Clock and Grace Kunz., (2000). “Apparel Manufacture – Sewn Product Analysis”. Upper Sadle River Publications.
- 2.C.W. Pellow, (2000). Dyes and Dyeing. Abhishek publication.
- 3.Kothari V. K., (1999). “Testing and Quality Management”. Progress in Textile Technology Vol.1. New Delhi: IAFL Publications.
- 4.Saville B.P., (1999).“Physical Testing of Textiles”, Textile Institute, Manchester.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	S	S
CO2	S	H	S	S	S
CO3	S	H	H	S	S
CO4	S	M	H	S	S
CO5	S	S	S	M	M
S – Strong H – High M – Medium L – Low					

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Practical 5 - Textile Testing				
Batch	Hours / Week	Total Hours	Credits	Skill
2025 – 2026	4	60	3	Development

Course Objectives

- 1.To impart practical knowledge on testing of fibers, yarns, and fabric.
- 2.To familiarize students with the different testing equipment's.
- 3.To understand methods and techniques used to analyze textile fibers, yarns and fabrics for end use performance.

Course Outcomes (CO)

K1 to K5	CO1	Remembering microscopic view of different fibres
	CO2	Understanding the importance of textile testing
	CO3	Applying different methods for testing textile raw material
	CO4	Analyzing the properties of fiber, yarn and fabric
	CO5	Evaluating the quality of raw material to meet the standards

SYLLABUS**LIST OF EXPERIMENTS**

1. Analysis and Identification of Natural fibres – microscopic view, burning test and chemical test – Cotton, Jute, Silk and Wool.
2. Analysis and Identification of Manmade Fibres – Microscopic view, burning test and chemical test - Polyester, Nylon and Viscose.
3. Yarn Testing - Lea Strength, and Elongation, Yarn count using Wrap reel, Beasley's Balance and yarn Crimp
4. Fabric Testing - GSM, Fabric count, Stiffness, and Shrinkage, Drop test, Sinking, and Capillary rise test.
5. Color Fastness Testing - Color matching cabinet, Color fastness to Sunlight, Washing, and Pressing – Wet and Dry, Crocking - Dry and Wet, Colour fastness to Perspiration, Acidic and Alkaline.

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Angappan, P and Gopalkrishnan, (2003). Physical testing. SSM Institute of Textile Technology Students Co-operative Stores Ltd.
2. Ajay Jindal and Rakesh Jindal, (2006). Textile Raw Materials. Abhishek Publications.
3. Handbook of Textile Testing and Quality Control, 2011, Elliot B. Grover, D.S. Hamby, Wiley India Edition.

Reference Books

1. Aridam Basu, (2006). Textile testing: Fiber, Yarn, Fabric, South Indian Textile Research Association.
2. Navneetkaur, (2010). Comdex Fashion Design, Vol-I Fashion Concepts. New Delhi : Dream tech Press.
3. Billie J. Collier, Phyllis G. Tortora, (2000). Understanding Textiles, 6th edition. London: Collier Macmillan Publishers.
4. Amutha K, (2016). A practical Guide to Textile Testing. Wood head Publishing India in Textiles.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	H	M	H
CO2	H	S	H	H	S
CO3	S	S	H	H	H
CO4	S	S	S	M	M
CO5	H	H	M	S	S

S – Strong**H – High****M – Medium****L – Low**

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Practical 6 - Apparel Designing - Men’s wear				
Batch 2025 – 2026	Hours / Week 6	Total Hours 90	Credits 4	Entrepreneurship

Course Objectives

- 1.To design garments for men's wear.
- 2.To gain practical skill in drafting various patterns for men's wear.
- 3.To enable students to construct Men's wear for selected design, calculate material consumption and cost of the finished garments.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the construction procedures for different men's wear garments.
	CO2	Understanding the pattern drafting techniques of men's garments.
	CO3	Applying the layout technique for efficient usage of material.
	CO4	Analyze the appropriated style, material, colour and embellishment for different occasion.
	CO5	Evaluating consumption of material, constructed garment and overall cost.

SYLLABUS

- ✓ Designing, drafting and constructing the following garments with the given features.
- ✓ Construction of the garments based on any theme with specification sheet.
- ✓ Material requirement
- ✓ Required measurements–Direct measurement method
- ✓ Cost calculation of the garment.

CONSTRUCT THE FOLLOWING GARMENTS

1. **SB VEST** – with or without collar, button attached.
2. **SHIRT** – Full open, Shirt collar, Patch pocket, Half / Full sleeve with cuff.
3. **PLEATED PANT** –Pleats in front, Darts at back, Side pocket, Fly with button / zip
4. **KURTHA**–Side pocket, round neck, Half open with tailored placket, with / without kali
5. **PYJAMA** - Elastic / tape attached waist
6. **BERMUDAS** – with elastic band, side / patch pocket
7. **T-SHIRT**– Front half open, Zip attached, With collar (Knitted fabric)
8. **HOODED T - SHIRT**–With / without zipper placket (Knitted fabric)

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Helen Joseph-Armstrong, (2014). Pattern making for Fashion Design. Dorling Kindersley Pvt Ltd.
2. Alison Smith, (2009). The Sewing Book. Britain: Darling Kindersley Ltd.
3. K R Zarapker, (2005). Zarapkar System of Cutting. New Delhi: Navneet publications.
4. Raul Jewel, (2005). Encyclopedia of Dress Making. New Delhi: A.P.H. Publishing Corporation.

Reference Books

1. Gayatri Verma & Kapil Dev, (2005). Cutting and Tailoring Course. New Delhi: Asian Publishers.
2. Bety Hose good, (2003). New Edition, The Complete Book of Sewing London: Dorling Kindersley Limited.
3. Reader's Digest Association, (2004). Reader's Digest Sewing Guide, Complete Guide for Sewing 13th Edition. Pleasant Ville: The Reader's Digest Association Inc.
4. Thangam Subramaniam, (2006). Dress Making. Chennai: Bombay tailoring and Embroidery college.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	H	S	S
CO2	S	H	S	S	H
CO3	S	H	M	H	H
CO4	S	S	S	S	H
CO5	S	S	M	S	H

S – Strong**H** – High**M** – Medium**L** – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper : Core Practical 7 - Computer Aided Design I				
Batch 2025 – 2026	Hours / Week 6	Total Hours 90	Credits 4	Skill Development

Course Objectives

1. To impart computer skill to the students in designing
2. To enable the students to acquire knowledge about how to design garment and develop different styles
3. To impart knowledge in computerized Pattern drafting, Grading, Marker planning & Marker Efficiency

Course Outcomes (CO)

K1 to K5	CO1	Remembering the tools and its functions used for CAD designing
	CO2	Understanding the concept used in designing fashion garments
	CO3	Applying computer skill in designing
	CO4	Analyzing appropriate tool for designing
	CO5	Evaluating the efficiency and presentation

SYLLABUS

1. **COREL DRAW** - Creating Small Designs or Motifs, Designing - Saree borders, Neckline, logo and care labels.
2. **CROQUIE DESIGNING** - Boy, Girl, Male and Female
3. **ELEMENTS OF DESIGN** - Line, Form, Colour, Size, Texture.
4. **PRINCIPLES OF DESIGN** - Balance, Harmony, Emphasis, Proportion and Rhythm
5. **COLOUR HARMONY** – Colour wheel, Monochromatic, Analogous, and Complementary - Direct, Double, Spilt, Triadic, Tetrad and Neutral colour harmony.
6. **PATTERN MAKING USING TUKA CAD** - **Pattern** drafting, grading and marker planning and maker efficiency for kid's wear– Jabla, Frock.

*** denotes Self study**

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. M. Kathleen Colussy, Steve Green berg, (2005) Rendering Fashion Fabric and Prints.
Pearson education.
2. LP Editorial board, (2009). Corel DrawX4. LP Editorial board. Law points Publication.
3. LP Editorial board, (2008). Corel DrawX3. LP Editorial board. Law points Publication

Reference Books

1. Gary David Bouton, (2008). Corel Draw: The official Guide McGraw-Hill
Osborne Media.
2. Zarapkar, (2005). Zarapkar System of Cutting. New Delhi: Navneet Publications.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	S	S	S	S
CO2	H	S	S	S	S
CO3	S	S	S	H	S
CO4	S	S	S	H	H
CO5	H	S	M	S	S

S – Strong**H – High****M – Medium****L – Low**

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: One Point Credit Programme -Skill sets for Apparel Industry				
Batch 2025 – 2026	Hours / Week 2	Total Hours 30	Credits 1	Entrepreneurship

Course Objectives

1. To impart knowledge in skill sets in the apparel industry.
2. To enable the students to acquire knowledge about quality standards and Production control methods.
3. To impart knowledge in documentation procedures used in the apparel industry.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the Basic spinning and processing operations
	CO2	Understanding the concept of quality standards
	CO3	Applying quality control tools
	CO4	Analyzing appropriate tool for quality control
	CO5	Evaluating the production planning and shipment documents

SYLLABUS**Unit I****(6 Hours)**

Fiber to Fabric - Spinning-operations, yarn-manufacturing process of threads, weaving-Basic process of dobby and jacquard-loom types, knitting- Introduction to types of knitting.
Processing - Wet processing of different fabrics-fiber blends, brief study on eco- friendly dyeing

Unit II**(6 Hours)**

Effluent treatments, Environment Management Systems - Meaning, Policies. Study of SA 8000, ISO OHSMS 45001, ISO - 14001 standard series Documented procedures required. OEKO – TEX 100 Standards. Supply chain management.

Unit III**(6 Hours)**

Quality Management - Principles of TQM- application of 7 QC tools in apparel industry-critical to quality (CTQ). Understanding ISO 9001:2000 standards. Quality audit- surveillance audit. Risk assessment and mitigation plans.

Unit IV**(6 Hours)**

Production Planning and control -Functions of Production Control-Production Analysis-identification and traceability. Sub assembly systems and Progressive bundle system - Principles of choosing a Production Systems - Evaluation of production system. Bill of Materials (BOM) creation. Purchase plan. Time and Action Plan (T&A).

Unit V**(6 Hours)**

Export and Import Documentation - Documents Related to Goods – Invoice - Certificate of origin - Shipping bill - Bill of lading - Air way bill - Bill of exchange - Letters of credits. Imports License – Procedure – Bill of Entry. Supply chain security systems.

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. E.P.G. Gohl, L.D. Vilensky, (2005). Textile Science. C.B.S Publication.
2. J L Smith, (2003). *Textile Processing*. Abhishek Publications. Chandigarh.
3. N.Gokarneshan, (2016). Fabric Structure and Design. New Delhi: New Age International.

Reference Books

1. S P Mishra, (2005). A Textbook of Fibre Science and Technology. New Age International Publishers.
2. W.S. Murphy, (2007). *Textile finishing*. Chandigarh Murphy Publications.
3. J.L. Smith, (2009). *Textile Processing, Printing, Dyeing, Finishing*. Abhishek Publications.

MAPPING

<div>PSO</div> <div>CO</div>	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	S	S	S	S
CO2	H	S	S	S	S
CO3	S	S	S	H	S
CO4	S	S	S	H	H
CO5	H	S	M	S	S

S – Strong**H** – High**M** – Medium**L** – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Paper 6 – Technical Textiles				
Batch 2025 – 2026	Hours / Week 4	Total Hours 60	Credits 4	Employability

Course Objectives

1. To impart knowledge on fibers used for technical textiles
2. To enable the students to understand the classification of technical textiles
3. To familiarize them with application of technical textiles

Course Outcomes (CO)

K1 to K5	CO1	Remembering the Application of Technical Textiles
	CO2	Understanding the requirements of textile materials and its application in various field
	CO3	Applying appropriate fibers and fabrics for developing technical textile products
	CO4	Analyzing fibre properties for suitable end uses
	CO5	Assessing the properties of conventional and technical textiles.

SYLLABUS**Unit I (12Hours)**

TECHNICAL TEXTILES: Introduction, Definition and Scope of Technical textiles, Classification, Globalization and Future of technical textiles industry, properties of fibres used in technical textiles and types of fibres used in technical textiles – Natural, Viscose rayon, polyamide and polyester, polyolefin and High-performance fibres

Unit II (12Hours)

AGRO TEXTILES - Introduction, types, General properties and its end uses. **GEO TEXTILES** – Introduction, types, General properties and its end uses and **BUILD TEXTILES** - Introduction, types, General properties and its end uses.

Unit III (12 Hours)

MEDICAL TEXTILES – Introduction, types, General properties and end uses, **SPORT TEXTILES**-Introduction, types, General properties and end uses and **HOME TEXTILES** – Introduction, types, General properties and *end uses.

Unit IV (12 Hours)

PROTECTIVE TEXTILES - Introduction, types, General properties and end uses, **SMART/ INTELLIGENT TEXTILES**-Introduction, types, General properties and end uses and **AUTOMOBILE TEXTILES** - Introduction, types, General properties and end uses.

Unit V (12 Hours)

INDUSTRIAL TEXTILES - Introduction, types, General properties and end uses. **PACKAGING TEXTILES** - Introduction, types, General properties and end uses and **ECO TEXTILES** - Introduction, types, General properties and end uses. Sustainable Practices

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Anand and A.R. Horrocks, (2006). Technical Textiles. Textile Institute.
2. AR Horrocks and S C Anand, (2000). Handbook of Technical Textiles. England: Wood head Publishing Ltd.
3. M.L. Gulrajani, (2013). Advances in dyeing and finishing of technical textiles. Wood head publication.

Reference Books

1. A R Horrocks and S C Anand, (2016). Handbook of Technical Textiles volume -1 Technical Textile processes. Second edition. Wood head Publication.
2. A R Horrocks and SC Anand, (2016). Handbook of Technical Textiles. volume-2. Technical Textile Applications. Second Edition. Woodhead Publication.
3. R. Alagirusamy and A. Das, (2010). Technical Textile yarns Industrial and Medical Applications, Woodhead publication.
4. R.A. Chapman, (2010). Application of Non-Woven in Technical Textiles. Woodhead Publications.
5. R. Senthil Kumar, (2014). Textile structures in Technical Textiles. Platform: Create Space Independent Publishing.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	H	H
CO2	S	S	S	S	S
CO3	H	S	H	S	S
CO4	H	S	H	M	S
CO5	S	S	S	S	S

S – Strong**H** – High**M** – Medium**L** – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Paper 7- Visual Merchandising				
Batch 2025 – 2026	Hours / Week 4	Total Hours 60	Credits 4	Employability

Course Objectives

1. To enable the students to know the components of the store
2. To impart knowledge on the types of displays
3. To impart the skills on selecting materials for successful display

Course Outcomes (CO)

K1 to K5	CO1	Remembering the concepts of Visual merchandising
	CO2	Understanding the concepts of display in store
	CO3	Applying the techniques of visual merchandising
	CO4	Analyzing the materials and techniques to be used in visual Merchandising for successful display
	CO5	Examining different methods of floor planning and fixtures

SYLLABUS**Unit I****(12 Hours)**

MERCHANDISING AND DISPLAY BASICS - Merchandising - Definition, Terms used, Types - Fashion Merchandising and visual merchandising, Role, Functions and Qualities of Merchandiser, Coordination with various Departments – Buying House and Buying Agency. **DISPLAY BASICS** - Definition, why do we display. Colour and Texture, Line and Composition, Light and Lighting, Types of Display and Display settings-realistic, environmental, vignette, fantasy, abstract and build up settings.

Unit II**(12 Hours)**

STORE EXTERIOR AND INTERIOR - The exterior of store signs, marquees, outdoor lighting, banners, planters, awnings, windows in store front design, store Interiors – focal points, island displays, platforms the runway, the catwalk, counters and display cases, museum cases, Demonstration cubes, Ledges, shadow boxes, enclosed displays, fascia, T-walls and 100 percent Traffic areas.

Unit III**(12 Hours)**

THINGS USED FOR SUCCESSFUL DISPLAYS - Mannequins -Types, Realistic, semirealistic semi abstract, abstract, and headless mannequins, Alternatives to the mannequin three quarter forms, articulated artists figures, dress forms, cut out figures, inflatable's, drapers, hangers, laydown techniques, pinup techniques, flying techniques

Unit IV**(12 Hours)**

ATTENTION GETTING DEVICES, FAMILIAR SYMBOLS AND SIGNAGE -Contrast, scale, repetition, Humor, mirrors, nostalgia, motion, surprise and shock, props familiar, symbols anniversaries, career fashions, ***back to school and college**, bridal, festive occasions, clearance

sales. Graphics and signage - graphics definition, graphics in retail stores signage, Drawings, size and types of signs and cards, Techniques for preparing signage, other signage technique.

Unit V**(12 Hours)**

RELATED AREAS OF VISUAL MERCHANDISING - Point of Purchase, its uses, Exhibit Types: permanent exhibits, temporary exhibits, travelling exhibit, outdoor exhibit, Fashion journalism, Fashion journals, Qualities and responsibilities of fashion journalist, fashion shows, Types of fashion shows, Event management, Role of event manager and steps involved in event management. Application of Visual Merchandising in displaying accessories and Furnishing. Career opportunities in Visual Merchandising.

* **denotes Self study**

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Martin M. Pegler, (2011). Visual Merchandising and Display. Sixth Edition. Bloomsbury Academic.
2. Handbook on Printing Technology (Offset, Flexo, Gravure, Screen, Digital, 3D Printing with Book Binding and CTP) 4th Revised Edition, 2019
3. Textiles, Identity, and Innovation: In Touch Proceedings of the 2nd International Textile Design Conference (D_TEX 2019), June 19-21, 2019, Lisbon, Portugal By Manuela Cristina Paulo Carvalho Figueiredo, 2020

Reference Books

1. Fashion Logistics, Insights Into the Fashion Retail Supply Chain By John Fernie, David B. Grant - 2019
2. Fashion Supply Chain Management By Michael Londrigan, Jacqueline M. Jenkins -2018 3.Gini Stephens Frings, (2002). Fashion from Concept to Consumers 7th Edition. Pearson Education.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	S	S
CO2	S	H	S	S	S
CO3	S	H	S	S	S
CO4	H	S	S	H	S
CO5	S	S	S	M	M

S – Strong**H – High****M – Medium****L – Low**

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Core Practical 8 – Computer Aided Design – II				
Batch 2025 – 2026	Hours / Week 6	Total Hours 90	Credits 4	Skill Development

Course Objectives

1. To impart computer knowledge in Fashion and garment designing
2. To understand the various tools and implement in garment designing
3. To equip the students with basics of computerized pattern making and grading

Course Outcomes (CO)

K1 to K5	CO1	Recollecting the tools used in fashion designing
	CO2	Understanding the sequential drafting procedures
	CO3	Applying computer skill in designing
	CO4	Analyzing appropriate tool for designing
	CO5	Evaluating the efficiency and presentation

SYLLABUS

1. **WOMEN'S WEAR** - Drafting Basic patterns, Pattern grading, Marker planning and marker efficiency - Midi & top – Salwar, Kameez, Full Gown.
2. **MEN'S WEAR** - Drafting Basic patterns, Pattern grading, Marker planning and marker efficiency - T-shirt, Bermuda's, Pant, Full Sleeve Shirt.
3. Garment designing for summer wear, Spring wear, Autumn wear and winter wear (Men, Women & Children) with suitable accessories and backdrops.
4. Garment designing for Party wear, Casual wear, Sportswear (Men, Women and Children) and Bridal wear for men & women with suitable accessories.

Teaching Methods

Smart Classroom/PowerPoint presentation/ Experiential Learning/Blended learning

Text Books

1. M. Kathleen Colussy, Steve Green Berg, (2005). Rendering Fashion Fabric and Prints. Pearson Education, Inc.
2. LP Editorial board, (2009). Corel Draw X4. Law point.
3. Alex Harford, (2000). GIMP Essential Reference. New Delhi: Tec media Publication.

Reference Books

1. Gary David Boston, (2008). Corel Draw: The official Guide. McGraw-Hill Osborne Media.
2. Zarapkar, (2005). Zarapkar System of Cutting. New Delhi: Navneet Publications.
3. Corel DrawX3. LP Editorial board (2008). Law point.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	S	S	S	S
CO2	H	S	S	S	S
CO3	S	S	S	H	S
CO4	S	S	S	M	M
CO5	H	H	M	S	S

S – Strong**H** – High**M** – Medium**L** – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper : Core Practical 9 – Boutique and Brand Study				
Batch 2025 – 2026	Hours / Week 3	Total Hours 45	Credits 5	Entrepreneurship

Course Objectives**Course Objectives**

- To managing a small-scale business establishment
- To implementation of design and marketing their brands
- To understand the marketing research and promotion

K1 to K5	CO1	Remembering the fundamentals of fashion design
	CO2	Understanding the concepts of boutique management
	CO3	Applying the new ideas for a business
	CO4	Analyzing the market research for promoting business
	CO5	Assessing the properties for suitable boutique business.

STUDY AND REPORT ON THE FOLLOWING

1. Boutique /Store Planning
2. Store Layout
3. Budget Planning
4. Visual Merchandising
5. Promotional Activity
6. Theme Based Display (Indoor & Out door)
7. Inventory Planning & Production planning
8. Account maintenance
9. Customer Review and Feedback
10. Online Business

Teaching Methods

Smart Classroom/PowerPoint presentation/ Experiential Learning/Blended learning

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Modern Style for Girls Sew a Boutique Wardrobe By Mary Abreu, 2015
2. Pattern Cutting Techniques for Ladies' Jackets By Jo Baker-Waters, 2016
3. Laser Cutting for Fashion and Textiles By Laura Berens Baker, 2016

Reference Books

1. "Textiles: Concepts and Principles" by Virginia Hencken Elsasser Year: 2016 Publisher: Fairchild Books
2. Valerie Campbell – Harding, (2004). Machine Embroidery – Stitch patterns, Singapore : Kyodo Printing Co. Pvt. Ltd.
4. Navneet kaur, 2010, Comdex Fashion Design, Vol-I Fashion Concepts, New Delhi : Dream tech Press.
5. Olivier Gervail, (2010). Fashion Accessories, Fire fly books.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	M	M
CO2	H	H	M	S	S
CO3	H	S	H	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Project Portfolio ***				
Batch	Hours / Week	Total Hours	Credits	Skill
2025 – 2026	6	90	5	Development

Course Objectives

1. To enable the students to design for theme
2. To impart the skills on selecting materials for designing and construct the garments for the same
3. To enable students to prepare and present portfolio

Course Outcomes (CO)

K1 to K5	CO1	Remembering the concept of portfolio presentation
	CO2	Understanding the importance of fashion portfolio
	CO3	Applying designing skills for personality and occasion
	CO4	Analyzing the techniques used for presentation
	CO5	Evaluating the overall presentation

SYLLABUS**Portfolio development and Presentation**

- Trend forecast board
- Inspiration board
- Theme Board
- Mood Board – with Research work
- Colour palette
- Customer profile
- Trims and Accessory Board
- Fabric Board
- Design development
- Illustration with back drops
- Flat sketches- Manual & CAD
- Specification sheet
- Pattern Making and Garment construction for Men, Women and Children (4 Garments)
- Fashion photography
- Final presentation

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Alison Smith, (2009). The Sewing Book. Britain: Darling Kindersley Ltd.
2. K R Zarapker, (2005). Zarapkar System of Cutting. New Delhi: Navneet publications.
3. Raul Jewel, (2005). Encyclopedia of Dress Making. New Delhi: A.P.H. Publishing Corporation.

Reference Books

1. Gayatri Verma & Kapil Dev, (2005). Cutting and Tailoring Course. New Delhi: Asian Publishers.
2. The Reader's Digest Association, (2004). Reader's Digest Sewing Guide, Complete Guide for Sewing, 13th Edition. Pleasant Ville: The Reader's Digest Association Inc.
3. Thangam Subramaniam, (2006). Dress Making- Bombay tailoring and Embroidery College. Chennai.
4. Kathryn Hagen, (2005). Fashion Illustration for Designers. Upper saddle river, New Jersey. Pearson education, publication.

MAPPING

<div>PSO</div> <div>CO</div>	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1		S	S	H	S
CO2	S	S	S	S	H
CO3	S	H	S	S	S
CO4	S	S	S	M	M
CO5	H	H	M	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Major Elective: Home Furnishing Practical				
Batch 2025 – 2026	Hours / Week 5	Total Hours 75	Credits 5	Entrepreneurship

Course Objectives

1. To enable students to gain skill in designing home furnishing
2. To impart skill in construct different household products
3. To gain knowledge in material consumption and estimating the cost of soft furnishing

Course Outcomes (CO)

K1 to K5	CO1	Recollecting different types of home furnishing materials
	CO2	Understanding the drafting procedures to construct home furnishing products
	CO3	Implementing different patterning designs and layout
	CO4	Applying material, colour, texture, surface embellishment suitable for the Products
	CO5	Examining the material consumption, cost, finishing aspects of the products and finished product

SYLLABUS

CREATE A THEME AND CONSTRUCT THE FOLLOWING ITEMS

1. Living room furnishing-

- a) Sofacover-3-Seater
- b) Chair covers,
- c) Bolster/Cushion,
- d) Curtain
- e) Door mat

2. Bedroom furnishings-

- a) Bed spread with quilted,
- b) Bed sheet with frills,
- c) Pillow & pillow cover

3. Kitchen and Dining furnishings-

Apron, Mitten, Pot holder, Table mat, Napkin and Table runner, Fridge cover or Oven cover, Mixie cover or Grinder cover

4. Bathroom furnishings-

- a) Bath robe, bath towel
- b) Shower cap

5. Reusing of Textile materials for home décor items-

Wall Hangings – Photo frames, Door hangings, Letter holder

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Loria Nicol, (2005). Quick & Easy Home Sewing Projects. Reader Digest Association.
2. Sandra Detrixhe, (2004). The Everything Sewing Book. Avon Publications.
3. Mamta Agarwal, (2005). Home Science and Textiles. ABD Publisher.

Reference Books

1. Heather Lukes, (2009). Curtains, New Holland publishers.
2. Cheryl Mendelson, Scriber, (2005). Home Comforts The Art of Keeping House
New York.
3. Nystuen and Maureen Mitton, (2007). Residential Interior Design.
4. Charlotte Gerlings, (2015). Courtney anyone can Sew.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	S	S	M	H
CO2	H	S	S	S	S
CO3	H	S	H	S	S
CO4	S	S	S	S	M
CO5	H	S	M	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Major Elective Paper : Fabric Care				
Batch 2025 – 2026	Hours / Week 5	Total Hours 75	Credits 5	Employability

Course Objectives

1. To impart knowledge on clothing care Practices
2. To acquaint the students with the knowledge of care symbols
3. To enable them know about care label symbols used to maintain different types of fabric

Course Outcomes (CO)

KI to K5	CO1	Outlining the general care given to common textile items or recalls the symbols of common care.
	CO2	Understanding the proper care and simple laundry of fabric, clothes and household articles.
	CO3	Applying appropriate clothing care practices
	CO4	Analyzing the suitable laundry methods for different fabrics
	CO5	Assessing the correct techniques to care and maintain the textile materials

SYLLABUS

Unit I

(15 Hours)

WATER & LAUNDERING- water- sources of water, types of hardness, methods of softening water, and determination of hardness. Laundry soaps – manufacture of soap (hot process, cold process), composition and types of soap, soap less detergents, chemical action of detergents, detergent manufacture, advantages of detergents.

Unit II

(15 Hours)

FINISHING – starch, preparation of starch (cold water and hot water), purpose of stiffening, Classification of stiffening agents, preparation and use of stiffeners. Laundry blues and its application. Bleaches- types and its application

Unit III

(15 Hours)

LAUNDRY EQUIPMENT – washing equipment's – wash board, suction washer, wash boiler, washing machine. Drying equipment's – outdoor and indoor types. Irons and types of iron boxes- flat, automatic, steam iron. Ironing boards – different types

Unit IV

(15 Hours)

PRINCIPLES OF WASHING – Friction, suction washing, washing by kneading and squeezing and washing by machine. Laundering of different fabrics – Cotton and Linen, Wool, Coloured fabrics, Silk, Rayon and Nylon. Dry cleaning – using absorbents and grease solvents. Storing.

Unit V

(15 Hours)

STAIN REMOVAL –Stain- Definition, Classification of stains, stain and their methods of removal, Lead Pencil, Lipstick, Mildew, paint, perfume, perspiration, tar, turmeric, blood stain, food stain, nail polish and kum-kum. Care label – labelling parameters, care label symbols, importance of care labelling and placement of labels on garments. * **Various systems of care labelling** - International, Japanese Canadian, European and American

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Noemia D Souza, New Age, (2000). Fabric Care. International Publishers.
2. Meenakshi Rastog , (2000).Textiles and Laundry, New Delhi: Sonali Publication.

Reference Books

1. Billie J. Collier, Phyllis G. Tortora, (2000). Understanding Textiles, 6th edition. London: Collier Macmillan Publishers.
2. Meenakshi Rastog, (2009). Textile Forming. New Delhi: Sonali Publication,
3. Harriet Hargrave, (2002). Quick-Look Guide: Caring for Fabric and Quilts. C & T Publishing.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	H	H	S	H
CO2	H	S	S	S	H
CO3	S	S	S	S	H
CO4	S	H	H	H	H
CO5	H	S	M	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Major Elective Paper : Historic Costumes And Textiles Of India				
Batch	Hours / Week	Total Hours	Credits	Employability
2025 – 2026	5	75	5	

Course Objectives

1. To impart knowledge about of historic costumes of India
2. To acquaint students with different types of traditional Embellishment used.
3. To enhance the students' knowledge regarding accessories and Jewellery of different status of India

Course Outcomes (CO)

K1 to K5	CO1	Recollecting the traditional fabric embellishment techniques
	CO2	Differentiating the culture and state costumes of India
	CO3	Applying the knowledge of traditional garment Designing
	CO4	Analyzing the outfits of states of India
	CO5	Examining the traditional colours, motifs and fabrics of different states in India

SYLLABUS

Unit I

(15 Hours)

BEGINNING OF COSTUME AND INDIAN JEWELLERY - Tatting, painting, body covering and cutting. **INDIAN JEWELLERY** – Jewelleries used in the period of Indus valley civilization Mauryan period, Gupta period, the Pallava period, Chola period and Mughal period. A brief study of gems and precious stones.

Unit II

(15 Hours)

TRADITIONAL COSTUME OF SOUTH AND NORTH OF INDIA- SOUTH- Tamil Nadu, Kerala, Andhra Pradesh, Karnataka. North- Rajasthan, Haryana, Himachal Pradesh, Uttar Pradesh, Jammu and Kashmir, Sikkim.

Unit III

(15 Hours)

TRADITIONAL COSTUME OF EAST AND WEST OF INDIA- Traditional Costume Of East And West Of India- East- Orissa, Bihar, Assam, Arunachal Pradesh, Manipur and Meghalaya, Mizoram, and Tripura, Nagaland, West Bengal. WEST-Maharastra, Gujarat, Goa and Madhya Pradesh.

Unit IV

(15 Hours)

TRADITIONAL INDIAN TEXTILES – Coloured textiles - Bhandhini, Patola, Ikat, Pochampalli. Woven textiles – Muslin, Brocades, Paithani, Chanderi, Baluchari, Kanjeevaram, Jamdhani. Printed textiles of India- Kalamkari, Madhubani, Sanganeri, Bargu.

Unit V

(15 Hours)

EMBROIDERED TEXTILES OF INDIA – Introduction, History, Motifs, stitches and threads and colours used - Phulkari, Kantha, Chikankari, Kasuti, Kathiawar, Kashmiri, Chamba Rumals, *Zardozi.

* denotes Self study

Teaching Methods

Smart Classroom/Powerpoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Navneetkaur, (2010). Comdex Fashion Design, vol-I Fashion Concepts. New Delhi: Dream tech press,
2. G.H Ghosrye, (2003). Indian Costume. Popular Books Pvt ltd.

Reference Books

1. Usha Ramamrutham Balakrishnan, (2001). Indian Jewellery: Dance of Peacock, Indian Book House.
2. Vandana Bhandari, (2004). Costumes Textile and Jewelry of India. Prakash Books.
3. Dr. Parul Pathak, (2004). Traditional Indian Costumes and Textiles. Chandigarh: Abhishek Publication.
4. Anamika Pathak, (2006). Indian Costumes, Roli Books.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	H	H	H	S	H
CO2	H	S	S	S	S
CO3	S	S	S	S	H
CO4	S	H	H	H	H
CO5	H	S	S	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Major Elective Paper-Fashion Forecasting				
Batch	Hours / Week	Total Hours	Credits	Employability
2025 – 2026	5	75	5	

Course Objectives

1. To enable the students to Understand fashion frameworks.
2. To develop a holistic understanding of trend in a global setting.
3. To Increase their abilities in applying forecasting skills.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the trend forecasting terminologies
	CO2	Understanding of fashion trends in both visual and written form
	CO3	Applying to real-life business market or professional practices for each of the forecasting disciplines
	CO4	Analyzing the past and present influences and forecast future Influence
	CO5	Valuing the current scenario in Fashion forecasting

SYLLABUS

Unit I

(15 Hours)

Introduction- Meaning of Fashion, Meaning of Fore Casting, the Role of a Forecasting, Types of Forecasting - Colour Forecasting, Textile Forecasting, Styling Forecasting, Sales Forecasting, Accessories Forecasting, Fabric Forecasting.

Unit II

(15 Hours)

Process of Fashion Forecasting- Process Diffusion of Innovation, Long term forecasting, short term forecasting, Difference between Long term and short-term forecasting, the precision of forecasting Responsibilities of trend forecasting.

Unit III

(15 Hours)

Forecasting trend and culture -Contemporary Culture, Street Influence, Celebrity Culture, the new gatekeepers of fashion, Range building with trends, Trend prediction for a customer base Fabric Fairs, Consumer Research, and Defend trend predictions Colour

Unit IV

(15 Hours)

Communicate creative concepts effectively - Communicate visually through roughs, *boards and illustrations, communicate using industry standard terminology, software to communicate a design solution.

Unit V

(15 Hours)

Process of Reporting- process of implementation, promotion, making the fashion happen, Steps in fashion forecasting- Hunt, Identify, Gather.

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. E. L, Fairchild, (2005). Fashion Forecasting III Edition. New York: Brannon Publications.
2. McCelvey Kathryn and Maslow Janine, (2008). Fashion forecasting. Wiley- Blackwell.
3. Raymond Martin, (2010). The Trend Forecasters Handbook. U.K: Laurence king.

Reference Books

1. New Jersey Pearson Prentice Hall, (2000). Apparel Product Design & Merchandising Strategies., New Delhi :Upper Saddle River.
2. Hethorn, J, & Ulasewicz, (2008). Sustainable Fashion: Why Now. New York: Fairchild Publications.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	S	S
CO2	S	H	H	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	H	S	S	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Major Elective Paper- Computers In Textile Industry				
Batch	Hours / Week	Total Hours	Credits	Employability
2025 – 2026	5	75	5	

Course Objectives

1. To enable the students to Understand the computers and devices used in garment industry
2. To impart a knowledge in weaving pattern developing software
3. To understand the computer in manufacturing

Course Outcomes (CO)

K1 to K5	CO1	Remembering the concepts of computer application
	CO2	Understanding the application of software
	CO3	Applying appropriate software in garment industry for Designing
	CO4	Analyzing the creation fashion garments
	CO5	Assessing the application of software in textile industry

SYLLABUS

Unit I

(15 Hours)

Introduction to computers – Organization of Computers –Input Unit, Output Unit, Central Processing, Unit, Memory Devices, Working Principles of Printer-Scanner, Digitizer and Plotter.

Unit II

(15 Hours)

Computer Application in Textile Designing- Weaving- Software's used – Types of woven Design- Dobby and Jacquard- Techniques Used. Knitting - Software's used – Types of knitting. Printing – Creation of Printed Design – Simulation Technique.

Unit III

(15 Hours)

Computer Application in Fashion Designing-Design Creation- Theme Rendering- 3D Modelling- Body Scanning-Texture Mapping-Design Studio-Fashion Studio- Fashion Multimedia Concepts.

Unit IV

(15 Hours)

Computer Application in Pattern Making- Process involved in Pattern Making Grading- Marker Planning-Laying-Cutting- Labelling-Duplicating. Computerized Sewing Machine.

Unit V

(15 Hours)

Computer Aided Manufacturing – Concepts of Computer Integrated Manufacturing – Definition and Functions of CAD, CAM, CIM, CAA, PDC. Computerized embroidery machines. Computerized colour matching system. * **Brief study of Designing Software's used in textile industry.**

* denotes Self study

Teaching Methods

Smart Classroom/Powerpoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Vidyasar, (2000). Textile Designing Encyclopedia of Textiles, New Delhi Mittal Publications.
2. V.D. Duja, (2005). Professional management of fashion industry, New Delhi: Gangandeeep Publications.
3. Mahadevan, (2001). Textile Robotics & Automation. Chandigarh: Abhishek Publications.

Reference Books

1. Jinlian Hu, (2011). Computer Technology for Textiles and Apparel, 1st Edition, Woodhead Publishing.
2. Calvin Wong, (2017). Applications of Computer Vision in Fashion and Textiles. Woodhead Publishing.
3. Catherine Fairhurst, (2008). Advances in Apparel Production, 1st Edition. Woodhead Publishing.
4. Jinlian, Elsevier, (2011). Computer Technology for Textiles and Apparel, Science & Technology. Abishek Publications.
5. Fazal Ali Khan, (2013). Computer Application in Textiles Hardcover. Sonali Publication.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	S	S
CO2	S	H	H	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	H	S	S	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Major Elective Paper: Organization of Garment Unit				
Batch 2025 – 2026	Hours / Week 5	Total Hours 75	Credits 5	Employability

Course Objectives

1. To develop entrepreneurship skills among the students.
2. To familiarize the students with the process and procedure of setting up new enterprises.
3. To impart knowledge about various institutions supporting entrepreneur.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the concepts in entrepreneurship and export
	CO2	Understanding the method to improve working condition and Productivity
	CO3	Executing export order procedure
	CO4	Analyzing SWOT of the textile unit
	CO5	Examining the steps followed to organize a garment unit

SYLLABUS

Unit I

(15 Hours)

ENTREPRENEURSHIP AND MANAGEMENT– Meaning, Definition and Types, Need for entrepreneurship, Qualities and Types of entrepreneurs. Difference between Entrepreneur and Manager. Management – Definition, Management as a process – planning, Organizing, Directing, Controlling, Co-ordination.

Unit II

(15 Hours)

INSTITUTIONS SUPPORTING ENTREPRENEURS –Abbreviation, year of establishment and the functions of following institutions- DIC, NSIC, SISI, SIPCOT, TIIC, KVIC, CODISSIA, Commercial banks – SBI,IDBI

Unit III

(15 Hours)

DIFFERENT DEPARTMENTS IN A GARMENT UNIT – Organizational Structure of a garment unit – Hierarchical organization, Personnel involved in all the departments and Nature of the job -Design, Finance, Purchasing and Production. Role of HR in Apparel industry.

Unit IV

(15 Hours)

FACTORY DESIGN AND LAYOUT – Importance of factory design, Factors affecting factory design, Types of buildings (single and multi-storey) – Advantages and limitations. Factory layout – Process, Product and Combined layout. Design requirements – Requirements relating to health, safety and welfare

Unit V

(15 Hours)

INDIAN GARMENT EXPORTS - Present scenario of Indian garment exports, SWOT Analysis, Setting up garment unit for export market, export documents and procedures, root cause analysis and risk assessment.* **Types of transport and Payment methods.**

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Rathi Narayan (2007). Garment Exports winning strategies by Principles of management..
2. T.A.S. Balagopal (2011). Export management –21st edition.
3. C.B. Gupta (2009). Management theory & practice. Enlarged edition

Reference Books

1. Philip Kotler and Kevin lane, Keller, (2006). Marketing Management. Delhi: Pearson, education.
2. S.S. Khanka, S. Chand (2004). Entrepreneurial Development-& co, 1st Edition.
3. Jayashree Suresh, (2003). Entrepreneurial Development Chennai: Marahom Publications.
4. Anilkumar S., Poornima S.S., Abraham, K. Jayashree, (2003). Entrepreneurship Development .New Delhi : Newage International publishers.
5. C.B. Gupta (2009) Management theory & practice Enlarged edition.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	H	H	H	S
CO2	S	S	H	H	H
CO3	S	H	S	S	S
CO4	S	H	S	S	H
CO5	H	S	S	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Skill Based subject 1- Cyber Security				
Batch	Hours / Week	Total Hours	Credits	Skill Development
2025 – 2026	2	30	3	

Course Objectives

- The course introduces the basic concepts of Cyber Security
- To develop an ability to understand about various modes of Cyber Crimes and Preventive measures
- To understand about the Cyber Legal laws and Punishments

Course Outcomes (CO)

On successful completion of the course, the students will be able to

K1 to K5	CO1	To Understand the Concepts of Cybercrime and Cyber Frauds
	CO2	To Know about Cyber Terrorism and its preventive measures
	CO3	To Analyze about the Internet, Mobile Phone and E-commerce security issues
	CO4	To Understand about E-mail and Social Media Issues
	CO5	To Describe about various legal responses to Cybercrime

SYLLABUS**Unit I****(6 Hours)**

Introduction to Cyber Security: Definition of Cyber Security- Why is Cyber Security important? Layers of Cyber Security- Evolution of Cyber Security. Cyber hacking - Cyber fraud: Definition- Different modes of cyber fraud - Cyber fraud in India. Cyber pornography.

Unit II**(6 Hours)**

Cyber Terrorism: Modes of cyber terrorism. Cybercrime: What is Cybercrime? Cybercrime preventive methods - Preventive steps for individuals & organizations - Kinds of cybercrime - Malware and its types – Cyber-attacks.

Unit III**(5 Hours)**

Internet Mobile Phone and E-commerce Security issues: Data theft - Punishment of data theft- Theft of internet hours - Internet safety tips for children & parents. Mobile phone privacy- E-Commerce security issues.

Unit IV**(6 Hours)**

Email and Social media issues: Aspects of Social Media - The Vicious Cycle of unhealthy social media use- Modifying social media use to improve mental health. Computer Virus - Antivirus – Firewalls.

Unit V**(7 Hours)**

Cyber Forensics and Digital Evidence: What does Digital Footprint Mean? - Web Browsing and Digital Footprints- Digital Footprint examples – How to Protect Your Digital Footprints? - How to erase your Footprints? - Browser Extensions and Search Engine Deletion - Cyber Crime and Cyber Laws - Common Cyber Crimes and Applicable Legal Provisions: A Snapshot - Cyber Law (IT Law) in India – The Information Technology Act of India 2000 - Cyber Law and Punishments in India - Cyber Crime Prevention guide to users – Regulatory Authorities.

Teaching Methods

- Chalk and Talk, Presentation, Seminar, Quiz, Discussion & Assignment

Text Books

1. “Cyber Security”, Text Book prepared by “Kongunadu Arts and Science College”, Coimbatore - 29, 2022.

Reference Books

1. Mayank Bhushan, Rajkumar Singh Rathore, Aatif Jamshed, “**Fundamental of Cyber Security**”, BPB Publications, 1st Edition, 2017.
2. Anand Shinde, “**Introduction to Cyber Security-Guide to the world of Cyber Security**”, Notion Press, 2021.
3. Paul Grishman, “**Cyber Terrorism- The use of the Internet for Terrorist Purpose**”, Axis Publication, 1st Edition 2010.
4. Shilpa Bhatnagar, “**Encyclopaedia of Cyber and Computer Hacking**”, Anmol Publications, 1st Edition 2009.

WEB REFERENCES

1. <http://deity.gov.in/> - Department of Electronics and Information Technology,
2. Govt. of India
3. <http://cybercellmumbai.gov.in/> - Cybercrime investigation cell
4. <http://ncrb.gov.in/> - National Crime Records Bureau
5. <http://catindia.gov.in/Default.aspx> - Cyber Appellate Tribunal
6. <http://www.cert-in.org.in/> - Indian Computer Emergency Response Team
7. <http://cca.gov.in/rw/pages/index.en.do> - Controller of Certifying Authorities
8. www.safescrypt.com - Safescrypt
9. www.nic.in – National Informatics Centre
10. <https://www.kaspersky.com/resource-center/definitions/what-is-a-digital-footprint>
11. <https://geekflare.com/digital-footprint/>

MAPPING

<div>PSO</div> <div>CO</div>	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	H	M	S	H
CO2	H	S	S	H	S
CO3	M	H	M	S	H
CO4	S	H	H	M	H
CO5	S	H	H	M	H

S – Strong

H – High

M – Medium

L – Low

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: Skill Based subject 2 Practical - Basics of Computers				
Batch 2025 – 2026	Hours / Week 2	Total Hours 30	Credits 3	Skill Development

Course Objectives

1. To impart basics of computer applications.
2. To help students to acquire knowledge about how to mail and prepare a presentation
3. To enable the student to understand the Corel draw application in designing.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the tools and its functions used for CAD designing
	CO2	Understanding the concept used in designing fashion garments
	CO3	Applying computer skill in designing
	CO4	Analyzing appropriate tool for designing
	CO5	Evaluating the efficiency and presentation

SYLLABUS

- 1. MS Word - Document Preparation** - Font size, Bold Italics, Underline, Line spacing, Changing the background Color & text Color, Header & Footer, Change the text into columns, Check spelling and grammar, Bullets and numbering, Find and Replace.
 - Preparation of Curriculum Vitae
 - Develop a Designer profile.
- 2. MS- Excel** - Creating a Excel sheet, Prepare standardized body Measurement Chart, Prepare profit analysis chart of a boutique with graphical representation, Prepare cost analysis chart for kids wear, men's wear, and women's wear
- 3. MS Power point presentation** – Creating a Slide for presentation, creating template Design, Audio and video insertion, animations, link opening.
- 4. Corel Draw-** Introduction, Tools and Functions. Creating Small Designs or Motifs, Designing - Saree borders, Neckline, logo and care labels.
- 5. Adobe Illustrator** – Introduction, Tools and Functions
- 6. Adobe Photoshop** – Introduction, Tools and Functions

Teaching Methods

Smart Class Room / PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Editorial Board, (2003) *Microsoft office* LP, Law point Publication.
2. Sanjeev Gupta, Shameena Gupta (2003). *Computer Aided Management (Using Ms-office 2003 tools)*.
3. LP Editorial board, (2008). *Corel draw X3*, Law point publication.

Reference Books

1. Gary David Boston, (2008). *Corel draw: The office Guide*. McGraw-Hill Osborne Media.
2. LP Editorial board, (2009). *Corel draw X4*. Law point publication,
3. Steven Weikler, (2016). *Office for Beginners-The Perfect Guide on Microsoft Office*. Create space Independent Publishing Platforms.
4. Joan Lambert and Curtis Frye, (2015). *Microsoft office 2016 Step by Step*. Microsoft Press Publication.
5. Dorothy House, (2015). *Microsoft Word, Excel and Power point: Just for beginners*. Outskirts Press.

MAPPING

PSO CO	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	H	S
CO2	S	S	S	S	M
CO3	H	S	M	S	S
CO4	S	S	S	S	H
CO5	S	S	H	S	S

S – Strong

H – High

M – Medium

L – Low

Programme Code : 18	B.Sc. COSTUME DESIGN AND FASHION		
Title of the paper : Skill Based Subject III - Basics of Intellectual Property Right's			
Batch	Hours / Week	Total Hours	Credits
2025 – 2026	2	30	3

COURSE OBJECTIVES

- To create awareness about recent trends in IPR and Innovation
- To explore the basic concepts IPR
- To focus upon trademarks, copyrights, patents, industrial designs and traditional knowledge.
- To learn more about managing IP rights and legal aspects.

COURSE OUTCOMES

On successful completion of the course, the students will be able to

K1 to K5	CO1	Know about basic concepts of IPR and patent
	CO2	Understand copyrights, industrial designs and geographical indication of goods.
	CO3	Differentiate between trademarks and trade secrets
	CO4	Acquire knowledge on protection of traditional knowledge and plant varieties.
	CO5	Manage and protect IP Rights

UNIT – I

(6 hours)

Introduction -origin and development of Intellectual Property Rights (IPR), need for protecting IP, **Patents:** Foundation of patent law, patent searching process, basic criteria of patentability. Patentable and non - patentable subject matters in India. Patent prior art search, drafting the patent specification and filing procedure

UNIT – II

(6 hours)

Copyrights: Fundamentals of copyright law, originality of material, right of reproduction, right to perform the work publicly, copyright ownership issues, notice of copyright. **Industrial Designs:** Kind of protection provided in Industrial design. **Geographical Indication of Goods:** Basic aspects and need for the registration.

UNIT – III

(6 hours)

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, transfer of rights, selecting and evaluating trademark, registration of trademarks, claims. **Trade Secrets:** Trade secret law, determination of trade secret status, liability form is appropriation of trade secrets, trade secret litigation.

UNIT – IV

(6 hours)

Protection of traditional knowledge - Objectives, concept of traditional knowledge, issues concerning, bioprospecting and biopiracy. **Protection of Plant Varieties** - Objectives, international position, plant varieties protection in India. Rights of farmers, breeders and researchers.

UNIT- V

(6 hours)

Managing IP Rights: Acquiring IP Rights: letters of instruction, joint collaboration agreement, protecting IP Rights: non-disclosure agreement, cease and desist letter, settlement memorandum. **Transferring IP Rights:** Assignment contract, license agreement, deed of assignment. Infringement and enforcement.

Teaching Methods

Smart Class Room/PowerPoint presentation/Seminar/Quiz/Discussion

TEXT BOOKS

1. Ramakrishna Chintakunta and M. Geethavani (2022). A Textbook of Intellectual Property Rights. Blue Hills publications.
2. N.K Acharya (2021). Intellectual property rights(8thEdn). Asia Law House.
3. Craig Allen Nard, Michael J. Madison, and Mark P. McKenna. (2017). Law of Intellectual Property (5thEdn). New York Aspen publishers.
4. Barrett and Margreth (2009). Intellectual Property. New York Aspen publishers.
5. Deborah E.Bouchoux(2013). Intellectual property: The Law of Trademarks, Copyrights, Patents, and Trade Secrets. Publisher: Cengage India

REFERENCES

1. B.Ramakrishna and H.S.Anil Kumar (2017). Fundamentals of Intellectual Property Rights: For Students, Industrialist and Patent Lawyers. Notion Press.
2. V. K. Ahuja(2013). Law relating to Intellectual Property rights (2nd Edn). LexisNexis.
2. R. Radhakrishnan and S. Balasubramanian(2008). Intellectual property rights: Text and Cases. Excel Books India.
4. D. Goeland S. Parashar (2013). IPR Biosafety and Bioethics. Pearson Education India.

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: EDC - Fashion Designing				
Batch 2025 – 2026	Hours / Week 2	Total Hours 30	Credits 3	Employability

Course Objectives

1. To impart Knowledge in Fashion designing concepts.
2. To enable students gain Knowledge in Wardrobe planning and scope of fashion designing.

Course Outcomes (CO)

K1 to K5	CO1	Remembering the fashion terminologies
	CO2	Understanding the fashion design and concepts
	CO3	Applying the elements and principles of design in designing concepts
	CO4	Analyzing the Wardrobe planning for different age groups
	CO5	Assessing the application of colour harmony for wardrobe planning

SYLLABUS

Unit I

(6 Hours)

Fashion Terminologies- Definition of fashion, style and fad. Terms related to the fashion industry - boutique, collection, Mannequin, chic, classic, custom made, fashion shows, fashion cycle, fashion trend, and high fashion.

UNIT II

(6 hours)

ELEMENTS OF DESIGN - Design- Definition, types-structural and decorative design and their requirements. Elements of Design - Line, Shape or form, Colour, Size and texture.

UNIT III

(6 hours)

PRINCIPLES OF DESIGN – Balance – Formal and Informal, Rhythm – Through repetition, Radiation and Gradation, Emphasis – Unusual Shapes and Texture, Harmony and Proportion.

UNIT IV

(6 hours)

COLOUR –Definition, Dimensions of colour, psychological effects of colour. Colour theories-Prangs colour chart. Colour harmonies - Monochromatic, Analogous, Complementary, Double complementary, Spilt complementary, and Triad colour harmony.

UNIT V

(6 hours)

Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season, Designing dresses for different occasions – business meetings, parties, sports, ***schools – girls and boys (school, high school).**

* denotes Self study

Teaching Methods

Smart Classroom/PowerPoint presentation/Seminar/Quiz/Discussion/Flipped Class/peer Learning/Experiential Learning/Blended learning

Text Books

1. Navneetkaur, (2010). Comdex Fashion Design, Vol-I Fashion Concepts, New Delhi: Dream Tech Press.
2. Gini Stephens Frings, (2002). Fashion from Concept to Consumer, Seventh Edition, Pearson Education.
3. Sumathi. G.J, 2002, Elements of Fashion and Apparel Design New Delhi : New Age International Publishers.

Reference Books

1. Sumathi. G. D, (2005). Elements of Fashion and Apparel Designing. New Delhi : New Age International.
2. Gini Stephens Firings, (1999). Fashion- From Concept to Consumer-6th Edition Prentice Hall.
3. Gayathri Verma, (2015). Cutting and Sewing Theory for cutting and sewing dressmaking, New Delhi Asian Publishers,
4. Helen Joseph Armstrong, (2014). Pattern Making for Fashion Design – 5th editions, Kindersley, India Pvt .ltd.
5. Martin M. Pegler, (2006). Visual Merchandising and Display, Fifth Edition, New York: Fair Child publications, INC.

Question Paper Pattern**Duration: 3 hrs****Max: 75 marks****Section - A (10x1=10)****Choose the correct answer****Section - B (5x5=25)****Short answer questions, either or type, one question from each unit.****Section - C (5x8=40)****Essay answer questions, either or type, one question from each unit.**

CIA EXAMINATION MARK BREAKUP
(For Theory Only)

S. NO	DISTRIBUTION COMPONENT	MARKS
1.	CIA I – 75 Marks Converted to 40	40
2.	CIA II – 75 Marks Converted to 40	40
3.	Assignment I	05
4.	Assignment II	05
5.	Attendance	05
6.	Others (Seminar, Group Discussion, Flipped Class room, etc.,)	05
Total		100

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION			
Title of the paper: PART IV – Environmental Studies				
Batch 2025 – 2026	Semester I	Hours / Week 2	Total Hours 30	Credits 2

Course Objectives

- The course will provide students with an understanding and appreciation of the complex interactions of man, health and the environment. It will expose students to the multi-disciplinary nature of environmental health sciences
- To inculcate knowledge and create awareness about ecological and environmental concepts, issues and solutions to environmental problems.
- To shape students into good “Eco citizens” thereby catering to global environmental needs.
- This course is designed to study about the types of pollutants including gases, chemicals petroleum, noise, light, global warming and radiation as well as pollutant flow and recycling and principles of environmental pollution such as air, water and soil
- The course will address environmental stress and pollution, their sources in natural and workplace environments, their modes of transport and transformation, their ecological and public health effects, and existing methods for environmental disease prevention and remediation.

Course Outcomes

On successful completion of the course, the students will be able to

K1 to K5	CO1	Understand how interactions between organisms and their environments drive the dynamics of individuals, populations, communities and ecosystems
	CO2	Develop an in depth knowledge on the interdisciplinary relationship of cultural, ethical and social aspects of global environmental issues
	CO3	Acquiring values and attitudes towards complex environmental socio-economic challenges and providing participatory role in solving current environmental problems and preventing the future ones
	CO4	To gain inherent knowledge on basic concepts of biodiversity in an ecological context and about the current threats of biodiversity
	CO5	To appraise the major concepts and terminology in the field of environmental pollutants, its interconnections and direct damage to the wildlife, in addition to human communities and ecosystems

SYLLABUS

Unit I

(6 Hours)

MULTIDISCIPLINARY NATURE OF ENVIRONMENT- Definition : scope and importance – Need for public awareness - Natural resources – Types of resources – Forest Resources – Water Resources – Mineral Resources – Food Resources – Energy Resources – Land Resources.

UNIT II

(6 Hours)

ECOSYSTEMS - Concept of an ecosystem – Structure and functions of an ecosystem – Procedures, consumers and decomposers – Energy flow in the ecosystem – Ecological succession – Food chains, food web and ecological pyramids – Structure and function of the following ecosystem – Forest Ecosystem – Grassland Ecosystem – Desert Ecosystem – Aquatic Ecosystem

UNIT III

(6 Hours)

BIODIVERSITY AND ITS CONSERVATION -Introduction – Definition – Genetic – Species and ecosystem diversity- Bio geographical classification of India – Value of biodiversity – Biodiversity at global, national and local levels –India as a mega - diversity Nation - Hot spot of biodiversity – Threats to biodiversity - Endangered and endemic species of India – Conservation of Biodiversity – *In situ* Conservation of Biodiversity – *Ex situ* Conservation of Biodiversity

UNIT IV

(6 Hours)

ENVIRONMENTAL POLLUTION - Definition - Causes, effects and control measures of : Air Pollution – Water Pollution – Soil Pollution – Marine Pollution – Noise Pollution – Thermal Pollution – Nuclear Pollution – Solid Waste Management: Causes, effects, control measures of urban and industrial wastes – Role of individual in prevention of pollution – Pollution case studies – domestic waste water, effluent from paper mill and dyeing, cement pollution – Disaster Management – Food, Drought, Earthquake, Tsunami, Cyclone and Landslide.

UNIT V

(6 Hours)

SOCIAL ISSUES AND THE ENVIRONMENT-

Sustainable Development – Smart City, Urban planning, Town Planning , Urban problems related to energy – Water Conservation: Rain Water Harvesting and Watershed Management – Resettlement and rehabilitation of people, its problems and concerns, case studies Narmatha Valley Project – Environmental ethics, issues and possible solutions – Climate change, global warming, ozone layer depletion, acid rain, nuclear accidents and holocaust, case studies – Hiroshima and Nagasaki, Chernobyl – Consumerism and waste products – Environmental Protection Act – Air Pollution Act (Prevention and Control) – Water Pollution Act (Prevention and control) – Wild Life Protection Act – Forest Conservation Act – Issues involved in enforcement of environmental legislation – Public awareness – Human Population and the environment – Population Growth and Distribution – Population Explosion – Family Welfare Programme – Environment and Human Health – Human Rights – Value Education – HIV/ AIDS

Teaching Methods

- Smart Class Room/Powerpoint presentation/Seminar/Quiz/Discussion

TEXT BOOK

1.P.Arul, A Text Book of Environmental Studies, Environmental Agency, No 27, Nattar street, Velacherry main road, Velacheery, Chennai – 42, First Edition, Nov.2004.

REFERENCES

- 1.Purohit Shammi Agarwal, A text Book of Environmental Sciences, Publisher Mrs.Saraswati Prohit, Student Education , Behind Naswan Cinema Chopansi Road, Jodhpur.
2. Dr. Suresh and K. Dhameja, Environmental Sciences and Engineering , Publisher S.K.Kataria &Sons, 424/6, Guru Nanak Street, Vaisarak, Delhi -110 006.
- 3.J.Glynn Henry and Gary W Heinke, Environmental Science and Engineering, Prentice Hall of India Private Ltd., New Delhi – 110 001

Question Paper Pattern

Duration: 3 hours

Total Marks: 50

Answer all Questions (5 x 10 = 50 Marks)

Essay type, either or type questions from each unit.

ProgrammeCode:18	B.Sc. COSTUME DESIGN AND FASHION		
Title of the Paper- Value Education- Moral And Ethics			
Batch 2025 – 2026	Hours/Week 2	Total Hours 30	Credits 2

Course Objectives

- To impart Value Education in every walk of life.
- To help the students to reach excellence and reap success.
- To impart the right attitude by practicing self introspection.
- To portray the life and messages of Great Leaders.
- To insist the need for universal brotherhood, patience and tolerance.
- To help the students to keep they fit.
- To educate the importance of Yoga and Meditation.

Course Outcomes

After Completion of the Course the student will be able to

K1	CO1	Will be able to recognize Moral values, Ethics, contribution of leaders, Yoga and Its practice
K2	CO2	will be able to differentiate and relate the day to day applications of Yoga and Ethics in real life situations
K3	CO3	Can emulate the principled life of great warriors and take it forward as a message To self and the society
K4	CO4	Will be able to analyze the Practical outcome of practicing Moral values in real Life situation
K5	CO5	Could Evaluate and Rank the outcome of the pragmatic approach to further Develop the skills

SYLLABUS**UNIT I****(4 Hours)**

Moral and Ethics: Introduction–Meaning of Moral and Ethics– Social Ethics–Ethics and Culture– Aim of Education.

UNIT II**(6 Hours)**

Life and Teachings of Swami Vivekananda: Birth and Childhood days of Swami Vivekananda– At the Parliament of Religions– Teachings of Swami Vivekananda.

UNIT III**(4Hours)**

Warriors of our Nation: Subhas Chandra Bose–Sardhar Vallabhbhai Patel–Udham Singh– V.O.Chidambaram Pillai–Bhagat Singh–Tiruppur Kumaran–Dheeran Chinnamalai –Thillaiaadi Valliammai –Velu Nachiyar–Vanchinathan.

UNIT IV

(8 Hours)

Introduction -yoga and its benefits - Ardhasiddhasana- Yoga for peace- Yoga for health - Yoga for wellbeing - Yoga for success - Brain yoga benefits - The science of Yoga.

UNIT V

(8 Hours)

Isha kriya -Surya Shakthi and it's benefits.

TEXTBOOKS

- Value Based Education – Moral and Ethics – compiled by Kongunadu Arts and Science College (Autonomous), 3rd Edition (2024).

REFERENCE BOOKS

1. Swami Vivekananda - A Biography, Swami Nikhilananda, Advaita Ashrama, India, 24th Reprint Edition (2010).
2. Gandhi, Nehru, Tagore and other eminent personalities of Modern India, Kalpana Rajaram, Spectrum Books Pvt. Ltd., revised and enlarged edition(2004).
3. Freedom Fighters of India, Lion M.G. Agrawal, Isha Books Publisher, First Edition (2008).
4. Easy steps to Yoga by Swami Vivekananda, A Divine Life Society Publication(2000).

Question Paper Pattern

Duration: 3 hours

Total Marks: 50

Answer all Questions (5 x 10 = 50 Marks)

Essay type, either or type questions from each unit.

Programme Code: 18		B.Sc. COSTUME DESIGN AND FASHION	
Title of the paper: Non-Major Elective- I Human Rights			
Batch 2025 – 2026	Hours / Week 2	Total Hours 30	Credits 2

Course Objectives

- To prepare for responsible citizenship with awareness of the relationship between Human Rights, democracy and development.
- To impart education on national and international regime on Human Rights.
- To sensitive students to human suffering and promotion of human life with dignity.
- To develop skills on human rights advocacy
- To appreciate the relationship between rights and duties
- To foster respect for tolerance and compassion for all living creature.

Course Outcomes**After Completion of the Course the student will be able to**

K1 to K5	CO1	To understand the hidden truth of Human Rights by studying various provisions in the Constitution of India..
	CO2	To acquire overall knowledge regarding the Feminist perspectives in the Liberative Empowerment of Women.
	CO3	To gain knowledge about various gender roles and stereotypes involved in the comprehension of gender equality and women's rights.
	CO4	To comprehend the legal provisions and policies that foreground the safety of children in the society and to promote awareness.
	CO5	To gain enhanced knowledge about sexual and gender minorities to recognize, celebrate and acknowledge the diversified forms of gender expressions and rights.

SYLLABUS**Unit I****(6 Hours)****HUMAN RIGHTS HUMANS RIGHTS CONSTITUTION OF INDIA:** Humans Rights - Constitution Of India**UNIT – II****(6 Hours)****WOMEN EMPOWERMENT IN INDIA:** Feminism And Sexual Violence - Women And Liberation**UNIT – III****(6 Hours)****GENDER EQUALITY AND WOMEN'S RIGHTS:** Stereotype Gender Roles - Women's Education, Power And Science**UNIT – IV****(6 Hours)****RIGHTS OF THE CHILD IN INDIA:** Status of child in contemporary Indian society - Special Laws and Policies for protection of children**UNIT – V****(6 Hours)****SOGIESC RIGHTS:** Understanding SOGIESC- basic Definitions- inclusivity of SOGIESC- importance of studying SOGIESC- presence of SOGIESC in Indian Traditions- temples and cultural practices that exemplify SOGIESC in India- Genetics of Sex determination- Genetics of Intersex community- Successful SOGIESC Personalities and achievers – Alan Turing- Sally Ride- Leonardo

da vinci- Alan Hart- Virginia -Woolf- Bayard Rustin- Padmini Prakash- Akkai Padmashali- K Prithika Yashini- Laxmi Narayan Tripathi- Madhu Bai Kinnar-Manabi Bandhopadhyay- SOGIESC Rights and laws

Teaching Methods

Smart Class Room/PowerPoint presentation/Seminar/Quiz/Discussion

Books for Study:

Human Rights (2019) Published by Kongunadu Arts and Science College, Coimbatore- 29.

REFERENCES:

1. Human Rights, (2018) by Jaganathan, MA.,MBA.,MMM.,ML.,ML., (Humanitarian Law) and J.P. Arjun Proprietor: Usha Jaganathan, Refugee Law , Law series, 1st floor, Narmatha Nanthi Street, Magathma Gandhi Nagar, Madurai – 625014.
2. Country Report on SOGIESC Rights In India: An Unfinished Agenda.
Weblink: <https://www.ilgaasia.org/publications/india-country-report-an-unfinished-agenda>
3. Intersex.
Weblink: <https://my.clevelandclinic.org/health/articles/16324-intersex>
4. SOGIESC Personalities:
<https://www.bbc.com/news/world-asia-india-29357630>
https://en.wikipedia.org/wiki/Laxmi_Narayan_Tripathi
https://en.wikipedia.org/wiki/Akkai_Padmashali
<https://www.indiatoday.in/india/story/prithika-yashini-india-first-transgender-police-officer-tamil-nadu-969389-2017-04-04>
<https://yourstory.com/2018/03/first-transgendre-college-principal-west-bengal>
5. SOGIESC Rights and laws
<https://www.openglobalrights.org/lgbtqia-to-sogiesc-reframing-sexuality-gender-human-rights/>
<https://static1.squarespace.com/static/5a84777f64b05fa9644483fe/t/625ead0484f9005d75b92dd0/1650371887436/ILGA+Asia+India+Report+2021.pdf>

QUESTION PAPER PATTERN

Duration: 3 Hours

Max. Marks: 75

SECTION A

(5 x 5 = 25 marks)

Short answers, either or type, one question from each unit.

SECTION B

(5 x 10 = 50 marks)

Essay type questions, either or type, one question from each unit.

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION		
Title of the paper: Part IV –Non- Major Elective – II Women’s Rights			
Batch 2025 – 2026	Hours / Week 2	Total Hours 30	Credits 2

Course Objectives

- To know about the laws enacted to protect Women against violence.
- To impart awareness about the hurdles faced by Women.
- To develop a knowledge about the status of all forms of Women to access to justice.
- To create awareness about Women's rights.
- To know about laws and norms pertaining to protection of Women.
- To understand the articles which enables the Women's rights.
- To understand the Special Women Welfare laws.
- To realize how the violence against Women puts an undue burden on healthcare services.

Course Outcomes

After Completion of the Course the student will be able to

K1 to K5	CO1	Appraise the importance of Women's Studies and incorporate Women's Studies with other fields
	CO2	Analyze the realities of Women Empowerment, Portrayal of Women in Media, Development and Communication
	CO3	Interpret the laws pertaining to violence against Women and legal consequences
	CO4	Contribute to the study of the important elements in the Indian Constitution, Indian Laws for Protection of Women
	CO5	Spell out and implement Government Developmental schemes for women and create awareness on modernization and impact of technology on Women

SYLLABUS

Unit I

(6 Hours)

Women's Studies: Basic concepts of Women's studies in Higher education, Women's studies perspectives- Socialization- Patriarchy- Women's studies as an academic discipline- Growth and development of Women's studies as a discipline internationally and in India.

Unit II

(6 Hours)

Socio-Economic Development of Women: Family welfare measures, role of Women in economic development, representation of Women in media, status of Women and rights, Women Entrepreneurs, National policy for the empowerment of women.

Unit III

(6 Hours)

Women's Rights – Access to Justice: Crime against Women, domestic violence – physical abuse-verbal abuse – emotional abuse – economic abuse – minorities, dowry- harassment and death, code of conduct for work place, abetment of suicide.

Unit IV

(6 Hours)

Women Protective acts: Protective legislation for Women in the Indian constitution- Anti dowry, SITA, PNDT, and Prevention Sexual Harassment at Workplace (Visaka case), Domestic violence (Prevention) Act.

Unit V

(6 Hours)

Women and Child welfare: Safety provisions – various forms of mass media, radio, visual, internet, cyber space, texting, SMS and smart phone usage. Healing measures for the affected Women and child society by private and public sector, NGO and society.

Teaching Methods

- Smart Class Room / Power point Presentation / Seminar / Quiz / Discussion / Flipped Class

Text Books

1. **Women's Rights** (2021), compiled by Kongunadu Arts & Science College, Coimbatore – 641 029.

Reference Books

1. **“Rights of Indian Women”** by Vipul Srivatsava. Publisher: Corporate Law Advisor, 2014.
2. **“Women's security and Indian law”** by Harsharam Singh. Publisher: Aabha Publishers and Distributors, 2015.
3. **“Women's Property Rights in India”** by Kalpaz publications, 2016.

QUESTION PAPER PATTERN

Duration: 3 Hours

Max. Marks: 75

SECTION A

(5 x 5 = 25 marks)

Short answers, either or type, one question from each unit.

SECTION B

(5 x 10 = 50 marks)

Essay type questions, either or type, one question from each unit.

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION	
Title of the paper : HEALTH AND WELLNESS		
Batch 2025 – 2026	Semester IV	Credits 2

Skill Areas:

Physical Fitness, Nutrition, Mental Health, Awareness on Drug addiction and its effects

Purpose:

The Health & Wellness course focuses on teaching the elements of physical, mental, emotional, social, intellectual, environmental well-being which are essential for overall development of an individual. The course also addresses the dangers of substance abuse and online risks to promote emotional and mental health.

Learning Outcomes:

Upon completion of the Health & Wellness course, students will be able to:

1. Demonstrate proficiency in sports training and physical fitness practices.
2. Improve their mental and emotional well-being, fostering a positive outlook on health and life.
3. Develop competence and commitment as professionals in the field of health and wellness.
4. Awareness on drug addiction and its ill effects

Focus:

During the conduct of the Health & Wellness course, the students will benefit from the following focus areas:

1. Stress Management.
2. Breaking Bad Habits.
3. Improving Interpersonal Relationships.
4. Building Physical Strength & Inner Strength.

Role of the Facilitator:

The faculty plays a crucial role in effectively engaging with students and guiding them towards achieving learning outcomes. Faculty participation involves the following areas:

- 1. Mentorship & Motivation:** The Facilitator mentors students in wellness and self-discipline while inspiring a positive outlook on health. Faculty teach stress management, fitness, and daily well-being.
- 2. Promoting a Safe and Inclusive Environment:** The facilitator ensures a safe, inclusive, and respectful learning environment for active student participation and benefit.
- 3. Individualised Support and Monitoring Progress:** The facilitator plays a crucial role in providing personalized support, monitoring and guidance to students.

Guided Activities:

In this course, several general guided activities have been suggested to facilitate the achievement of desired learning outcomes. They are as follows:

1. Introduction to Holistic Well-being.
2. Holistic Wellness Program- Nurturing Body and Mind
3. Breaking Bad Habits Workshop.
4. Improving the elements of physical, emotional, social, intellectual, environmental and mental well-being.
5. Creating situational awareness, digital awareness.
6. Understanding substance abuse, consequences and the way out.

Period Distribution

The following are the guided activities suggested for this Audit course.

The Physical Director should plan the activities by the students.

Arrange the suitable Mentor / Guide for the wellness activities.

Additional activities and programs can be planned for Health and Wellness.

S.NO	Guided Activities	Period
1.	Introduction to Holistic Well-being <ol style="list-style-type: none"> 1. Introduce the core components of Health & Well-being namely Physical, mental and emotional well-being 2. Provide worksheets on all the four components individually and explain the interconnectedness to give an overall understanding. 	
2.	Wellness Wheel Exercise (Overall Analysis) <ul style="list-style-type: none"> ● Guide students to assess their well-being in various life 	

	<p>dimensions through exercises on various aspects of well-being, and explain the benefits of applying wellness wheel.</p> <ul style="list-style-type: none"> ● Introduce Tech Tools: ● Explore the use of technology to support well-being. ● Introduce students to apps for meditation, sleep tracking, or healthy recipe inspiration. 	
3.	<p>Breaking Bad Habits (Overall Analysis)</p> <ul style="list-style-type: none"> ● Open a discussion on bad habits and their harmful effects. ● Provide a worksheet to the students to identify their personal bad habits. ● Discuss the trigger, cause, consequence and solution with examples. ● Guide them to replace the bad habits with good ones through worksheets. 	
4.	<p>Physical Well-being</p> <p>1. Fitness</p> <p>Introduce the different types of fitness activities such as basic exercises, cardiovascular exercises, strength training exercises, flexibility exercises, so on and so forth.</p> <p>(Include theoretical explanations and outdoor activity).</p> <p>2. Nutrition</p> <p>Facilitate students to reflect on their eating habits, their body type, and to test their knowledge on nutrition, its sources and the benefits.</p> <p>3. Yoga & Meditation</p> <p>Discuss the benefits of Yoga and Meditation for one's overall health.</p> <p>Demonstrate different yoga postures and their benefits on the body through visuals (pictures or videos)</p> <p>4. Brain Health</p> <p>Discuss the importance of brain health for daily life.</p> <p>Habits that affect brain health (irregular sleep, eating, screen time).</p>	

	<p>Habits that help for healthy brains (reading, proper sleep, exercises).</p> <p>Benefits of breathing exercises and meditation for healthy lungs.</p> <p>5. Healthy Lungs</p> <p>Discuss the importance of lung health for daily life.</p> <p>Habits that affect lung health (smoking, lack of exercises).</p> <p>Benefits of breathing exercises for healthy lungs.</p> <p>6. Hygiene and Grooming</p> <p>Discuss the importance of hygienic habits for good oral, vision, hearing and skin health.</p> <p>Discuss the positive effects of grooming on one's confidence level and professional growth.</p> <p><u>Suggested Activities (sample):</u></p> <p>Nutrition:</p> <p>Invite a nutritionist to talk among the students on the importance of nutrition to the body or show similar videos shared by experts on social media. Organize a 'Stove less/fireless cooking competition' for students where they are expected to prepare a nutritious dish and explain the nutritive values in parallel.</p>	
5.	<p>Emotional Well-being</p> <p>1. Stress Management</p> <p>Trigger a conversation or provide self-reflective worksheets to identify the stress factors in daily life and their impact on students' performance.</p> <p>Introduce different relaxation techniques like deep breathing, progressive muscle relaxation, or guided imagery.</p> <p>(use audio recordings or visuals to guide them through these techniques).</p> <p>After practicing the techniques, have them reflect on how these methods can help manage stress in daily life.</p> <p>2. Importance of saying 'NO'.</p> <p>Explain the students that saying 'NO' is important for their Physical and mental well-being, Academic Performance, Growth and Future, Confidence, Self-respect, Strong and Healthy</p>	

	<p>Relationships, building reputation for self and their family (avoid earning a bad name).</p> <p>Factors that prevent them from saying 'NO'.</p> <p>How to practice saying 'NO'.</p> <p>3. Body Positivity and self-acceptance</p> <p>Discuss the following with the students.</p> <ul style="list-style-type: none"> ● What is body positivity and self-acceptance? ● Why is it important? ● Be kind to yourself. ● Understand that everyone's unique. <p><u>Suggested Activities(Sample):</u></p> <p>(Importance of saying 'NO')</p> <p>Provide worksheets to self-reflect on...</p> <p>....how they feel when others say 'no' to them</p> <p>....the situations where they should say 'no'</p> <p>Challenge students to write a song or rap about the importance of saying no and how to do it effectively.</p> <p>Students can perform their creations for the class.</p>	
6.	<p>Social Well-Being</p> <p>1. Practicing Gratitude</p> <p>Discuss the importance of practicing gratitude for building relationships with family, friends, relatives, mentors and colleagues.</p> <p>Discuss how one can show gratitude through words and deeds.</p> <p>Explain how practicing gratitude can create 'ripple effect'.</p> <p>2. Cultivating Kindness and Compassion</p> <p>Define and differentiate between kindness and compassion.</p> <p>Explore practices that cultivate these positive emotions.</p> <p>Self-Compassion as the Foundation.</p> <p>The power of small gestures.</p> <p>Understanding another's perspective. The fruits of compassion.</p>	

	<p>3. Practising Forgiveness</p> <p>Discuss the concept of forgiveness and its benefits.</p> <p>Forgiveness: What is it? and What it isn't?</p> <p>Benefits of forgiveness.</p> <p>Finding forgiveness practices.</p> <p>4. Celebrating Differences</p> <p>Appreciate the value of individual differences and foster inclusivity.</p> <p>The World: A Tapestry of Differences (cultures, backgrounds, beliefs, abilities, and appearances).</p> <p>Finding strength in differences (diverse perspectives and experiences lead to better problem-solving and innovation).</p> <p>Celebrating differences, not ignoring them (respecting and appreciating the unique qualities).</p> <p>Activities for celebrating differences (share culture, learn about others, embrace new experiences).</p> <p>5. Digital Detox</p> <p>Introduce the students to:</p> <p>The concept of a digital detox and its benefits for social well-being.</p> <p>How to disconnect from devices more often to strengthen real-world connections.</p> <p><u>Suggested Activities (sample):</u></p> <p>(Practicing Gratitude)</p> <p>Provide worksheets to choose the right ways to express gratitude.</p> <p>Celebrate 'gratitude day' in the college and encourage the students to honour the house keeping staff in some way to express gratitude for their service.</p>	
7.	<p>Intellectual Well-being</p> <p>1. Being a lifelong Learner</p> <p>Give students an understanding on:</p> <p>The relevance of intellectual well-being in this 21st century to meet the expectations in personal and professional well-being</p> <p>The Importance of enhancing problem-solving skills</p>	

	<p>Cultivating habits to enhance the intellectual well-being (using the library extensively, participating in extra-curricular activities, reading newspaper etc.)</p> <p>2. Digital Literacy</p> <p>Discuss:</p> <p>The key aspects of digital literacy and its importance in today's world.</p> <p>It is more than just liking and sharing on social media.</p> <p>The four major components of digital literacy (critical thinking, communication, problem-solving, digital citizenship).</p> <p>Why is digital literacy important?</p> <p>Boosting one's digital skills.</p> <p>3. Transfer of Learning</p> <p>Connections between different subjects - How knowledge gained in one area can be applied to others.</p> <p><u>Suggested Activities(sample):</u></p> <p>Intellectual Well-being.</p> <p>Provide worksheets to students for teaching them how to boost intellectual well-being.</p> <p>Ask the students to identify a long-standing problem in their locality, and come up with a solution and present it in the classroom. Also organize an event like 'Idea Expo' to display the designs, ideas, and suggestions, to motivate the students to improve their intellectual well-being.</p>	
8.	<p>Environmental Well-being</p> <p>1. The Importance of initiating a change in the environment.</p> <p>The session could be around:</p> <p>Defining Environmental well-being (physical, chemical, biological, social, and psycho-social factors) People's behavior, crime, pollution, political activities, infra-structure, family situation etc. Suggesting different ways of initiating changes in the environment (taking responsibility, creating awareness, volunteering approaching administration).</p>	

	<p><u>Suggested Activities (sample):</u></p> <p>Providing worksheets to self-reflect on how the environment affects their life, and the ways to initiate a change.</p> <p>Dedicate a bulletin board or wall space (or chart work) in the classroom for students to share their ideas for improving environmental well-being.</p> <p>Creating a volunteers' club in the college and carrying out monthly activities like campus cleaning, awareness campaigns against noise pollution, (loud speakers in public places), addressing anti-social behaviour on the campus or in their locality.</p>	
9.	<p>Mental Well-being</p> <p>1. Importance of self-reflection</p> <p>Discuss:</p> <p>Steps involved in achieving mental well-being (self-reflection, self-awareness, applying actions, achieving mental well-being).</p> <p>Different ways to achieve mental well-being (finding purpose, coping with stress, moral compass, connecting for a common cause).</p> <p>The role of journaling in mental well-being.</p> <p>2. Mindfulness and Meditation Practices</p> <p>Benefits of practicing mindful habits and meditation for overall well-being.</p> <p>1. Connecting with nature</p> <p>Practicing to be in the present moment - Nature walk, feeling the sun, listening to the natural sounds.</p> <p>Exploring with intention - Hiking, gardening to observe the nature. Reflecting on the emotions, and feeling kindled by nature.</p> <p>2. Serving people</p> <p>Identifying the needs of others.</p> <p>Helping others.</p> <p>Volunteering your time, skills and listening ear.</p> <p>Finding joy in giving.</p> <p>3. Creative Expressions</p>	

	<p>Indulging in writing poems, stories, music making/listening. creating visual arts to connect with inner selves.</p> <p><u>Suggested Activities(Sample):</u></p> <p>(Mindfulness and Meditation) Conducting guided meditation every day for 10 minutes and directing the students to record the changes they observe.</p>	
10.	<p>Situational Awareness (Developing Life skills)</p> <p>1. Being street smart</p> <p>Discuss:</p> <p>Who are street smarts?</p> <p>Why is it important to be street smart?</p> <p>Characteristics of a street smart person: Importance of acquiring life skills to become street smart (General First-aid procedure, CPR Procedure, Handling emergency situations like fire, flood etc).</p> <p>2. Digital Awareness</p> <p>Discuss:</p> <p>Cyber Security</p> <p>Information Literacy</p> <p>Digital Privacy</p> <p>Fraud Detection</p> <p><u>Suggested Activities (sample):</u></p> <p>(Street Smart) Inviting professionals to demonstrate the CPR Procedure</p> <p>Conducting a quiz on Emergency Numbers.</p>	
11.	<p>Understanding Addiction</p> <p>Plan this session around:</p> <p>Identifying the environmental cues, triggers that lead to picking up this habit.</p> <p>Knowing the impact of substance abuse Adverse health conditions, social isolation, ruined future, hidden financial loss and damaging the family reputation.</p> <p>Seeking help to get out of this addiction.</p>	

	<p><u>Suggested Activities:</u></p> <p>Provide Worksheets to check the students' level of understanding about substance addiction and their impacts.</p> <p>Share case studies with students from real-life.</p> <p>Play/share awareness videos on addiction/die-addiction, experts talk.</p> <p>*Conduct awareness programmes on Drugs and its ill effects.</p> <p>(Arrange Experts from the concerned government departments and NGOs working in drug addiction issues) and maintain the documents of the program.</p>	
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Closure:

Each student should submit a Handwritten Summary of their Learnings & Action Plan for the future.

Assessments:

- Use Self-reflective worksheets to assess their understanding.
- Submit the worksheets to internal audit/external audit.
- Every student's activities report should be documented and the same have to be assessed by the Physical Director with the mentor. The evaluation should be for 100 marks. No examination is required.

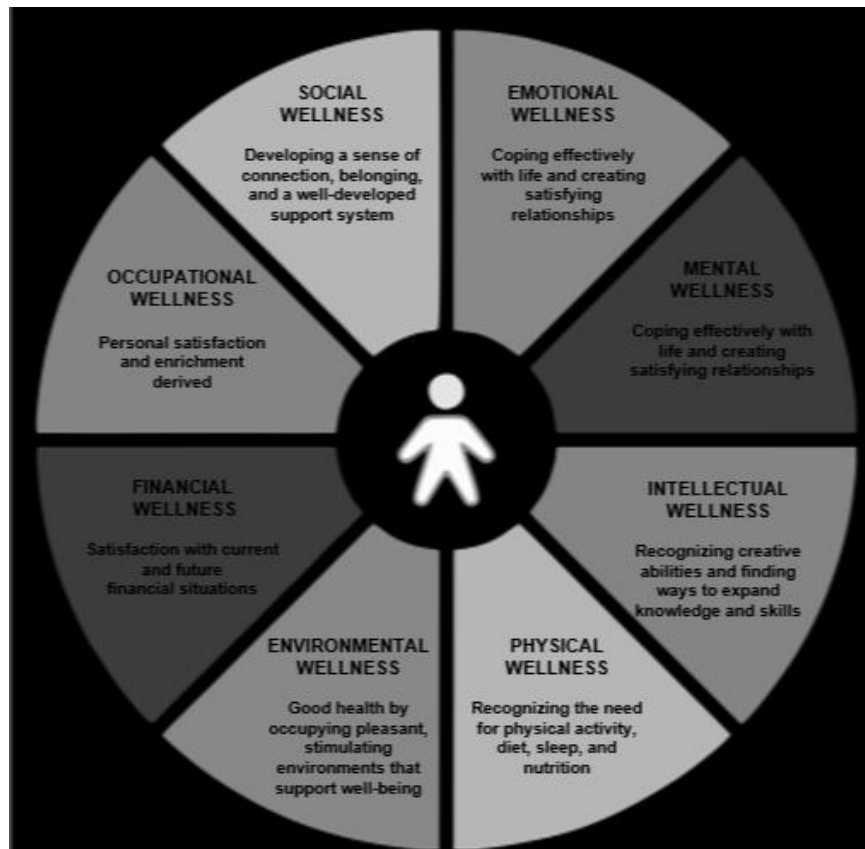
Scheme of Evaluation

Part	Description	Marks
A	Report	40
B	Attendance	20
C	Activities (Observation During Practice)	40
Total		100

References/Resource Materials:

The course acknowledges that individual needs for references and resources may vary. However, here are some general reference materials and resources that may be helpful:

1. The Well-Being Wheel:



2. Facilities & Spaces: Some activities may require access to specific facilities, resources or spaces. Students may need to coordinate with the college administration to reserve these as required.

3. Online Resources:

1. United Nations Sustainable Development Goals - Goal 3-Good Health & Well-Being: <https://www.un.org/sustainabledevelopment/health/>
2. Mindfulness and Meditation: Stanford Health Library offers mindfulness and meditation resources:
<https://healthlibrary.stanford.edu/books-resources/mindfulness-meditation.html>
3. Breaking Bad Habits: James Clear provides a guide on how to build good habits and break bad ones: <https://jamesclear.com/habits>

4. 6 Ways to Keep Your Brain Sharp

<https://www.lorman.com/blog/post/how-to-keep-your-brain-sharp>

5. What Is Social Wellbeing? 12+ Activities for Social Wellness

<https://positivepsychology.com/social-wellbeing/>

6. How Does Your Environment Affect Your Mental Health?

[https://www.verywellmind.com/how-your-environment-affects-your-mental-](https://www.verywellmind.com/how-your-environment-affects-your-mental-health-5093687)

[health-5093687](https://www.verywellmind.com/how-your-environment-affects-your-mental-health-5093687)

7. How to say no to others (and why you shouldn't feel guilty)

<https://www.betterup.com/blog/how-to-say-no>

Programme Code: 18	B.Sc. COSTUME DESIGN AND FASHION		
Title of the paper: Non Major Elective – Consumer Affairs			
Batch 2025 – 2026	Hours / Week 2	Total Hours 30	Credits 2

Course Objectives

1. To familiarize the students with their rights and responsibilities as a consumer.
2. To understand the procedure of redress of consumer complaints.
3. To know more about decisions on Leading Cases by Consumer Protection Act.
4. To get more knowledge about Organizational set-up under the Consumer Protection Act
5. To impart awareness about the Role of Industry Regulators in Consumer Protection
6. To understand Contemporary Issues in Consumer Affairs

Course Outcomes

K1 to K5	CO1	Able to know the rights and responsibility of consumers.
	CO2	Understand the importance and benefits of Consumer Protection Act.
	CO3	Applying the role of different agencies in establishing product and service Standards.
	CO4	Analyse to handle the business firms' interface with consumers.
	CO5	Assess Quality and Standardization of consumer affairs

SYLLABUS

Unit I

(6 Hours)

Conceptual Framework – Consumer and Markets: Concept of Consumer, Nature of markets: Liberalization and Globalization of markets with special reference to Indian Consumer Markets, E-Commerce with reference to Indian Market, Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, GST, labeling and packaging along with relevant laws, Legal Metrology. Experiencing and Voicing Dissatisfaction: Consumer buying process, Consumer Satisfaction/dissatisfaction-Grievances-complaint, Consumer Complaining Behavior: Alternatives available to Dissatisfied Consumers; Complaint Handling Process: ISO 10000suite

UNIT II

(6 Hours)

The Consumer Protection Law in India – Objectives and Basic Concepts: Consumer rights and UN Guidelines on consumer protection, Consumer goods, defect in goods, spurious goods and services, service, deficiency in service, unfair trade practice, restrictive trade practice. Organizational set-up under the Consumer Protection Act: Advisory Bodies: Consumer Protection Councils at the Central, State and District Levels; Adjudicatory Bodies: District Forums, State Commissions, and National Commission: Their Composition, Powers, and Jurisdiction (Pecuniary and Territorial), Role of Supreme Court under the CPA with important case law.

UNIT III

(6 Hours)

Grievance Redressal Mechanism under the Indian Consumer Protection Law – Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases, Relief/Remedy available; Temporary Injunction, Enforcement of order, Appeal, frivolous and vexatious complaints; Offences and penalties. Leading Cases decided under Consumer Protection law by Supreme Court/National Commission: Medical Negligence; Banking; Insurance; Housing & Real Estate; Electricity and Telecom Services; Education; Defective Products; Unfair Trade Practices.

UNIT IV

(6 Hours)

Role of Industry Regulators in Consumer Protection

- i. Banking: RBI and Banking Ombudsman
- ii. Insurance: IRDA and Insurance Ombudsman
- iii. Telecommunication: TRAI
- iv. Food Products: FSSAI
- v. Electricity Supply: Electricity Regulatory Commission
- vi. Real Estate Regulatory Authority

UNIT V

(6 Hours)

Contemporary Issues in Consumer Affairs – Consumer Movement in India: Evolution of Consumer Movement in India, Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing, Sustainable consumption and energy ratings.

Quality and Standardization: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance; Role of International Standards: ISO an Overview.

Note: Unit 2 and 3 refers to the Consumer Protection Act, 2086. Any change in law would be added appropriately after the new law is notified.

Teaching Methods

- Smart Class rooms /Power Point Presentations / Seminars/Quiz /Discussion /Flipped Classrooms

SUGGESTED READINGS:

1. Khanna, Sri Ram, Savita Hanspal, Sheetal Kapoor, and H.K. Awasthi. (2007) Consumer Affairs, UniversitiesPress.
2. Choudhary, Ram Naresh Prasad (2005). Consumer Protection Law Provisions and Procedure, Deep and Deep Publications PvtLtd.
3. G. Ganesan and M. Sumathy. (2012). Globalisation and Consumerism: Issues and Challenges, RegalPublications
4. Suresh Misra and Sapna Chadah (2012). Consumer Protection in India: Issues and Concerns, IIPA, NewDelhi
5. Rajyalaxmi Rao (2012), Consumer is King, Universal Law Publishing Company
6. Girimaji, Pushpa (2002). Consumer Right for Everyone Penguin Books.
7. E-books :-www.consumereducation.in
8. Empowering Consumers e-book,www.consumeraffairs.nic.in
9. ebook,www.bis.org
- 10.The Consumer Protection Act, 2086 and its later versions.

Question paper pattern

Duration: 3 hrs

Max Marks: 75

Section A (5 x 5=25)

Short notes

Either – or / type – question from each unit.

Section B (5 x 10=50)

Essay type

Either – or / type – question from each unit.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	BASICS OF COSMETOLOGY

Total Hours: 30**Objectives**

- To gain knowledge about personal grooming
- To enable the student to develop knowledge in dressing and makeup to the Etiquettes
- To help them to understand and apply the procedures for different personalities.

SYLLABUS**Unit I (6 hours)**

Cosmetology – Introduction, Definition, its importance, Self grooming – definition and its importance

Unit II (6 hours)

Pedicure, definition, need for pedicure, equipment used for pedicure, basic pedicure technique

Unit III (6 hours)

Manicure- equipment used for Manicure, shaping of nails, removal of the cuticles, Mehendi-Classical, Arabic, Glitter, Painting and Nail Art.

Unit IV (6 hours)

Structure and function of skin, Skin types, skin tones, tips for skin care and steps in basic facial.

Unit V (6 hours)

Face makeup- meaning, make up application, method and procedure, Make-up types, correction make up application and shape and colour of Hair, hair care and hair styles for occasion.

TEACHING METHODS

Power point presentation/Seminar/Discussion/Assignment / Google classroom

TEXT BOOKS

1. Dr.NeenaKhanna, (2011). *Body and Beauty Care*. PustakMahal Publishers.
2. Rashmi Sharma, (2011). *Herbal Beauty & Body Care*. PustakMahal Publishers.
3. Richa Dave, (2006). *Make-up Album*. Navneet Publication.

REFERENCE BOOKS

1. Catherine M. Frangie, (2014). *Milady standard cosmetology*, 13th Edition, Milady Publishing Company.
2. RoshiniDayal, (2008). *Natural Beauty Secrets from India*. Tata publishing Enterprises. LLC.
3. P.J. Fitzgerald, (2003). *The complete book of Hair styling*.
4. Trinny wood wall sunsannalconstative , (2003). *What Not to Wear for Every Occasion Part-2*.
5. Helena Biggs, (2014). *Nail Art-Inspiring Designs by the world's leading technician*.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	FABRIC TIE& DYEING

Total Hours- 30

Objectives

- To enable students to gain knowledge on colour and its value addition on fabric.
- To gain practical skill in dyeing techniques

SYLLABUS

Unit I (6 hours)

Colour, colour theory, prangs chart- colour harmonies.

Unit II (6 hours)

Types of Fabrics, Desizing of cotton fabric for dyeing, types of dye.

Unit III (6 hours)

Dyeing methods- direct and basic dyeing

Unit IV (6 hours)

Dyeing techniques: Tie & dye-knotting, pegging, pleating, Object tying, Random tying and Marbling.

Unit V (6 hours)

Product development

TEACHING METHODS

Power point presentation/Seminar/ Discussion/Assignment / Google classroom
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TEXT BOOKS

1. Navneetkaur, (2010). *Comdex Fashion Design, Vol-I Fashion Concepts*. New Delhi : Dream Tech Press.
2. Wingate IB, (2006). *Textiles-Fabrics and their Selection*. Chennai: Allied Publishers.
3. SusheelaDantyagi , (2006). *Fundamentals of Textiles and Their Care*, Orient Longmann Ltd.

REFERENCES

1. E- Pellow, (2007). *Dyes and Dyeing*. Chandigarh: Abhishek Publications.
2. Ajay Kr. Gupta, (2005). *Textile Processing with Effluent Treatment*. New Delhi.
3. J.L. Smith, (2009). *Textile Processing, Printing, Dyeing, Finishing*. Abhishek Publications.
4. J.L. Smith, (2000). *Textile Processing*. Chandigarh: Abhishek Publications.
5. W.S. Murphy, (2007). *Textile finishing*. Chandigarh Murphy Publications.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	HAND PRINTING TECHNIQUES

Total Hours- 30

Objectives

- To enable students to gain knowledge on colour and its value addition on fabric.
- To gain practical skill in printing techniques – Stencil and Blocks.

SYLLABUS

Unit I (6 hours)

Colour, colour theory, prangs colour chart, colour harmonies

Unit II (6 hours)

Printing, preparatory process of fabric and table for printing,

Unit III (6 hours)

Styles of printing- stencil – preparation of stencil and stenciling techniques – Positive, Negative (Sponge, Spray and Brush).

Unit IV (6 hours)

Block- Preparation and application of vegetable blocks and Wooden blocks – border and overall design.

Unit V (6 hours)

Product development.

TEACHING METHODS

Google classroom/ Power point presentation/Seminar/ Discussion/Assignment

TEXT BOOKS

1. Navneetkaur, (2010) *Comdex Fashion Design, Vol-I Fashion Concepts*, New Delhi : Dream Tech Press.
2. Wingate IB, (2006). *Textiles-Fabrics and their Selection*, Chennai: Allied Publishers.
3. Textile Science, (2017), RastogiDeepali, Chopra Sheetal, Orient Black Swan.

REFERENCES

1. E- Pellow, (2007). *Dyes and Dyeing*. Chandigarh: Abhishek Publications.
2. Ajay Kr. Gupta, (2005). *Textile Processing with Effluent Treatment*. New Delhi.
3. J.L. Smith, (2009). *Textile Processing, Printing, Dyeing, Finishing*. Abhishek Publications.
4. J.L. Smith, (2000). *Textile Processing*. Chandigarh: Abhishek Publications.
5. W.S. Murphy, (2007). *Textile finishing*. Chandigarh Murphy Publications.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	JEWELLERY MAKING

Total Hours- 30

Objectives

- To impart knowledge on fashion jewelry making
- To provide opportunity for skill development in jewelry making

SYLLABUS

Unit I (6 hours)

Jewellery, Materials used for Jewellery making, Tools required

Unit II (6 hours)

Making of Earrings, Neck chains

Unit III (6 hours)

Making of anklets, Bracelets

Unit IV (6 hours)

Making of hip chains, rings

Unit V (6 hours)

Making of Bangles

TEACHING METHODS

Google classroom /Power point presentation/Seminar/Discussion/Assignment
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TEXTBOOKS

1. Phyllis Tortora, (2005). *Encyclopedia of Fashion Accessories*, OM Books International
2. Hanlyn Octopus, (2001). *Professional Skills Made Easy*, New York :Octopus Publishing Group.
3. Herbert Barthm , (2002). *Easy to Make Book .vol:1-vol:18*.Octopus New York :Publishing group .
4. Olivier Gerval (2010). *Fashion Accessories*. Fire Fly Books Ltd.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	Pr. PATTERN DRAFTING

Total Hours- 30

Objectives

- To enable students to gain knowledge on body measurements
- To gain practical skill in drafting the patterns for apparels.

SYLLABUS

I. Customer profile

Body Measurements

Preparation of Standardized Body measurement Chart

II. Designing and Drafting basic apparel for

a) Children

- Bib, Panty, Jabla
- Summer Frock
- Sun Suit

b) Women

- Saree Petticoat
- Midi
- Midi top
- Blouse
- Nighty
- Salwar
- Kameez

c) Men

- Full Sleeve Shirt
- Pleated Trouser
- SB Vest
- Nehru Kurta
- Night Dress

III. Prepare commercial pattern for any one of the garment- Children, Women and Men.

TEACHING METHODS

Google classroom/ Power point presentation/Seminar/Discussion/Assignment
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TEXT BOOKS

1. Zarapkar (2005). Zarapkar System of Cutting New Delhi: Navneet publications.
2. GayatriVerma, (2006).Cutting and Tailoring Course. New Delhi: Asian publishers.
3. GayathriVerma,(2015).Cutting and Sewing Theory for cutting and sewing dress making (combination Edition for semester I& II).New Delhi: Asian Publishers.
4. Rahul Jewel,(2005). Encyclopedia of Dress Making. New Delhi: AP.H Publishing Corporation.

REFERENCES

1. ManmeetSodhia, *Dress Designing* Ludhiana: Kalyani Publishers.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	NATURAL DYEING

Total Hours- 30

Objectives

- To enable students to gain knowledge on natural colours and its value addition on fabric.
- To gain practical skill in natural dyeing techniques

SYLLABUS

Unit I

(6 hours)

Natural Dyes source and mordants – collection of natural dye source and its preparatory process, collection of natural mordants

Unit II

(6 hours)

Natural dye extraction methods – Fresh and dry method, Distillation extraction method

Unit III

(6 hours)

Mordanting techniques – Pre, Post and simultaneous Mordanting

Unit IV

(6 hours)

Dyeing method – Dip and dry method

Unit V

(6 hours)

Product development

TEACHING METHODS

Power point presentation/Seminar/ Workshop/Discussion/Assignment/Google classroom

TEXT BOOKS

1. Art and Science of Natural Dyes: Principles, Experiments and Results (2018) Spiral-bound, Joy Boutrup and Catharine Ellis,
2. True Colors: (2019)World Masters of Natural Dyes and Pigments, Keith Recker, Linda Lingon Publisher,

REFERENCES

1. Handbook of Natural Plant Dyes (2010) Paperback, Sasha Duerr, Timber Press.
2. Natural Dyes, (2015), Rameshwar Dayal, I.K International Publishing House Pvt Ltd, New Delhi.
3. Natural Color: (2016) Vibrant Plant Dye Projects for Your Home, , Sasha Duerr, Watson Guptil Publications, New York.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	HANDMADE PAPER MAKING

Total Hours- 30

Objectives

- To enable students to gain knowledge on cellulosic papers and plants
- To gain practical skill in handmade paper making techniques

SYLLABUS

Unit I (6 hours)

Collection of Cellulosic paper scraps , steps in paper making.

Unit II (6 hours)

Preparation of mould and deckle

Unit III (6 hours)

Collection of plants for paper making

Unit IV (6 hours)

Eco coloring – dyeing, natural flowers and leafs, Eco printing – stencil and block, Marbling

Unit V (6 hours)

Product making- paper bags, gift boxes, book covers, Book mark, cards and wall hangings.

TEACHING METHODS

Power point presentation/Seminar/ Workshop/ Discussion/Assignment/Google classroom
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TEXT BOOKS

1. Papermaking Techniques book, (2001) John Plowman, , F & W Publications.
2. The Papermaker's Companion: (2000) The Ultimate Guide to Making and Using Handmade Paper Paperback, Helen Hiebert,
3. The Handmade Paper Book (Handmade Series) (2004), Paperback, Angela Ramsay, New Holland Publishers, London.

Programme: JOC	COSTUME DESIGN AND FASHION
BATCH 2025 - 2026	FASHION TRIMS

Total Hours- 30

Objectives

- To enable students to gain knowledge on different type of trims used in fashion industry
- To gain practical skill in making handmade trims

SYLLABUS

Unit I (6 hours)

Tassels, Pompoms, Button – Cloth button

Unit II (6 hours)

Pearl trimmings, ruffles, frills, Cord trims,

Unit III (6 hours)

Plain and Knotted fringes

Unit IV (6 hours)

Beads – cloth bead, thread beads, embroidery edges, crochet edges

Unit V (6 hours)

Appliques- sticking and stitching appliques using beads, sequins and painting.

TEACHING METHODS

Power point presentation/Seminar/ Workshop/ Discussion/Assignment/Google classroom
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TEXT BOOKS

1. *Fashion Trims: Customize and Create Clothes & Accessories*, (2008.)Turner Louise, Book Description Jacqui Small LLP 2008-09-25,
2. 1001 Ideas for Trimwork: (2005)The Ultimate Source Book For Decorating With Trim &Molding (Creative Homeowner) Hundreds of Designs to Bring Warmth & Character to Every Room of Your Home,
3. How to Make 100 Ribbon Embellishments: (2014)Trims, Rosettes, Sculptures, and Baubles for Fashion, Decor, and Crafts, Elaine Schmidt, .

REFERENCES

1. Margo Singer, (2007). Textile Surface Decoration: Silk and Velvet, Textile handbook, A and C Black Publishers, Great Britain.
2. Jewelled Textiles: (2016). Gold and Silver Embellished Cloth of India, Om Books International, 5. DueepJyot Singh, John Davidson,
3. Mabel Van Niekerk, (2015). Recycled Denim Crazy Patchwork Quilt, Mabel Dawn Van Niekerk, South Africa.

QUESTION PAPER PATTERN

[JOC]

Question Paper Pattern for 2025 – 2026 batch onwards

Duration: 3 Hours

Maximum Marks:100

Section- A (10 x 1= 10 Marks)

Answer all the Questions

Choose the best answer with four fragments

Section B (5 x6 = 30 Marks)

Short Answers, either or type, one question from each unit

Section C (5 x 12 = 60 Marks)

Essay type Questions, either or type, one question from each unit

Kongunadu Arts and Science College (Autonomous)
Coimbatore-29
DIPLOMA IN FASHION DESIGN
Duration: 1 year
Curriculum, Scheme of Examinations and Syllabi
(With effect from academic year 2025-26 and onwards)

S. No	Subject code	Title of The Paper	Instruction on Hours		Exam Marks			Duration of Examination (Hours)	Credits
			Theory	Practical	CIA	ESE	Total		
1	25UDCD101	Basics of Fashion Designing	60	-	25	75	100	3 Hrs	2
2	25UDCD102	Fundamentals of Apparel Designing	60	-	25	75	100	3 Hrs	2
3	25UDCD1CL	Garment Construction and Fabric Embellishments	-	60	40	60	100	3 Hrs	2
Total Marks							300	-	

The examination will be conducted at the end of the academic year

ESE Question paper pattern

Theory papers: 100 marks

Maximum Internal Marks = 25 marks

Maximum External Marks = 75 Marks

Section - A Multiple choice (10 X 1 = 10 Marks)

Section - B Short Answer (Either or type) (5x5=25 Marks)

Section - C Essay Type (Either or type) (5x8=40 Marks)

Practical Papers:

Maximum Internal Marks = 40 marks

Maximum External Marks= 60marks

Practical = 40 marks

Record = 10 marks

Viva-voce = 10 marks

ELIGIBILITY: H.Sc Passed

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD101	BASICS OF FASHION DESIGNING	60	2

Objectives

- To enable students to gain knowledge of fashion design
- To understand the fashion design concept and process.

SYLLABUS**UNIT I****(12 hours)**

FASHION TERMINOLOGIES – Fashion, Fad, Style, Classic, Collection, Custom Made, Mannequin, High Fashion, Trend, Advantage, Bridge, Buying House, Fashion Merchandising, Fashion Cycle, Forecasting, Haute Couture, Couture, Couturier, Pre- A-Porter. Theories of fashion – Trickle down, Bottom up, and Trickle across.

UNIT II**(12 hours)**

DESIGN & ELEMENTS OF A DESIGN – Design- Definition, Types – Structural and Decorative design. Elements of a Design – Line, Shape or Form, Colour, Size and Texture and Illustrating garment design using elements of design.

UNIT III**(12 hours)**

PRINCIPLES OF DESIGN – Balance – Formal and Informal, Rhythm – through Repetition, Radiation and Gradation, Emphasis – grouping of design units, using contrast hues, by leading lines, a combination of any of the above, repeating details such as tucks, gathers, buttons, etc., unusual shapes and textures, applied design on a contrast background, Harmony and Proportion- planning of the basic shapes and division of shapes for a good relationship and Illustrating garment design using principles of design.

UNIT IV**(12 hours)**

COLOUR –Meaning, Dimensions of Colour - Prang colour theory, colour harmonies - Monochromatic, Analogous, Complementary, Double complementary, ***Spilt complementary**, and Triad colour harmony and illustrating garment design using colour harmonies.

UNIT V**(12 hours)**

DESIGNING DRESSES FOR FIGURE IRREGULARITIES – Becoming and Unbecoming ,Stout figure, Thin Figure, Slender Figure, Large Bust, Flat Chest, Large Hip, Large Abdomen, Round Face, Large Face, Small Face, Prominent Chin and Jaw, Prominent Forehead, Narrow Shoulders, Broad Shoulders, Round Shoulders.

* **self study**

Questions can also be taken from self study

Teaching Methods

Google classroom /PowerPoint presentation/Seminar/Discussion/Assignment

TEXT BOOKS

1. (2002). *The Dynamics of fashion Elaine Stone*. New York: Fair child Publications.
2. Payal Jain, Anand, (2005). *Fashion Studies An Introduction*. India Publications Pvt., Ltd.

REFERENCES

1. Meenakshi Narang, (2001). *Fashion Technology handbook*. Asia pacific Business Press.
2. Sudhir Gupta, (2006). *Handbook of Garment Manufacturing Technology*, Delhi : EIRI Board.
3. Poojakhurana and Monikasrthi, (2007). *Introduction to Fashion Technology*. New Delhi: Firewall Media Pvt, Ltd.
4. Sumathi. G.J, (2002). *Elements of Fashion and Apparel Design*. New Delhi: New Age International publishers.

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD102	FUNDAMENTALS OF APPAREL DESIGNING	60	2

Objectives

- To enable students to gain knowledge of basic seam and seam finishes
- To enable students to know various types of Neckline, Sleeve, Collar, Skirts and Pant.

SYLLABUS**UNIT I****(12 hours)**

SEAMS AND FULLNESS – Seams - Plain, Single top stitch, Double top stitch, Welt, Lapped, Slot, Flat Fell, French, Mantua Maker's ,Piped Seam. Seam finishes - Edge stitch, Double Stitch, Overcast, Herringbone, Bound seam edge finish. Hems-Seam binding, Catch stitched, Narrow Machine Stitched, Rolled or Whipped finish, Shell Edged. Fullness: Darts - Single Pointed, Double pointed. Tucks - pin, piped or corded , shell or scalloped, cross tucking , group tuck with scalloped effect, Pleats - knife, box , Inverted, kick, pinch ,cartridge Godets, Flares, Gathering - hand, machine, using elastic, with cord piping. Shirring or gauging, ruffle – single, double, circular Ruffle.

UNIT II**(12 hours)**

NECKLINE- Types of Necklines- V- Neckline, U- Neckline, *Round Neckline, square Neckline, Halter necklines, sweetheart necklines, Off-Shoulder neckline, Boat Neckline, Cowl Neckline, keyhole neckline, Jewel Neckline, Scoop Neckline, Asymmetric neckline.

UNIT III**(12 hours)**

SLEEVE - Types of sleeves - Plain Sleeve, Puff at Top Sleeve, Puff Sleeve At Bottom , Puff At Top And Bottom Sleeve, Bishop Sleeve, Circular Sleeve, Leg-O-Mutton Sleeve, Raglan Sleeve, Bell Sleeve, Tulip Sleeve, Cap Sleeve, Kimono Sleeve, Batwing(Magyar) Sleeve, Dolman Sleeve, Epaulet Sleeve, Victorian Sleeve.

UNIT IV**(12 hours)**

COLLAR - Parts of Collar -Types of Collars - Peter Pan collar, Cape collar, Scalloped Collar, Puritan collar, Sailor collar, Square Collar, Rippled Collar, Full roll convertible collar, Turtle neck collar, Tie collar, Shirt Collar, Chinese collar, Shawl collar.

UNIT V**(12 hours)**

SKIRTS AND PANT- Skirts- Types of Skirts- Six and Four gore skirt, Circular Skirt, Pleated Skirt, Tulip Skirt, Wrap around Skirt, Layered Skirt, Godet Skirt, A-Line Skirt, and Ballon Skirt. Pant – Parts of Pant - Types of Pants – Pleated Pant, Bell bottom pant, Flared Pant, Heram Pant, Jodhpur, and Tights.

*** Self study**

Questions can also be taken from self study

TEACHING METHODS

Google classroom/ PowerPoint presentation/Seminar/Discussion/Assignment

TEXT BOOKS

1. Sumathi.G.D, (2005). *Elements of Fashion and Apparel Designing*, New Delhi: New Age International.
2. Mary Mathews (1990) , *Practical Clothing Construction- Part I and II*, Madras :Cosmic Press.

REFERENCES

1. ManmeetSodhia, (2006), *Dress Designing*, Ludhiana :Kalyani Publishers.
2. Zarapkar (2005). *Zarapkar System of Cutting*, New Delhi: Navneet publications.

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD1CL	PRACTICAL - GARMENT CONSTRUCTION AND FABRIC EMBELLISHMENTS	60	2

Objectives

- To impart practical knowledge in various surface ornamentation techniques
- To enable the students gain practical knowledge on different embroideries of India.

SYLLABUS**UNIT I****(12 hours)**

BODY MEASUREMENTS AND PATTERN DRAFTING – Importance, Preparation for measuring, Ladies , men's and children's measurements. Drafting pattern for basic front and back bodice on personal measurements or standard measurements.

UNIT II**(12 hours)**

SEAMS AND FULLNESS AND FASTNERS Seams-Plain ,Single top stitch,Seam finishes - Edge stitch, Hems-Seam binding, FULLNESS- Darts - Single pointed, Tucks - pin tuck, Pleats - knife pleat, Gathering - hand gathering, Fastners – Button, Buttonhole, Preparation of One Sample for Each

UNIT III**(12 hours)**

DESIGN AND CONSTRUCT-Jabla with puff sleeve, variations in neckline, with placket opening.

UNIT IV**(12 hours)**

EMBROIDERY- Introduction, Meaning of Embroidery, Equipment and Materials used for embroidery, Embroidery designs, Planning the embroidered article, Methods of Transferring designs, Types of Design- Naturalistic,Conventional, Geometric, Abstract, Historic, Biomorphic. **BASIC EMBROIDERY STITCHES** - Hand Embroidery Stitches - chain, feather, stem, fishbone, fly, satin, Herringbone, Lazy-daisy, Bullion knot and buttonhole. - Machine Embroidery Stitches, Traditional embroidery-anyone

UNIT V**(12 hours)**

TRIMMINGS AND DECORATIONS - Mirror, beads, sequins, zardosi, stone work, Fringes and tassels, laces, smocking, Pompoms, Patchwork, appliqué. Fabric painting- Techniques - Stenciling, Brush,

TEACHING METHODS

PowerPoint presentation/Seminar/Discussion/Assignment / Google classroom
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TEXT BOOKS

1. GayatriVerma, (2006).Cutting and Tailoring Course, Asian publishers.
2. Sandra Dextrixhe, (2004).Every Thing Sewing Book, Avon, MA: Adams Media.

REFERENCES

1. Premlathe Mullick, (2007).*Text Book of Home Science*. New Delhi: Kalyani Publishiers.
2. Valeric Campbell, (2004). *Bead Embroidery*. HardingPamella watts. published B.T. Batsford Ltd.

Kongunadu Arts and Science College (Autonomous)
Coimbatore-29
DIPLOMA IN GARMENT CONSTRUCTION
Duration: 1 year
Curriculum, Scheme of Examinations and Syllabi
(with effect from academic year 2025-26 and onwards)

S. No	Subject code	Title of The Paper	Instruction Hours		Exam Marks			Duration of Examination (Hours)	Credits
			Theory	Practical	CIA	ESE	Total		
1	25UDCD201	Pattern Making and Garment Construction	60	-	25	75	100	3 Hrs	2
2	25UDCD2CL	Garment Designing and Construction-I	-	60	40	60	100	3 Hrs	2
3	25UDCD2CM	Garment Designing and Construction-II	-	60	40	60	100	3 Hrs	2
Total Marks							300	-	

The examination will be conducted at the end of the academic year

ESE Question paper pattern

Theory papers: 100 marks

Maximum Internal Marks = 25 marks

Maximum External Marks = 75 Marks

Section - A Multiple choice (10 X 1 = 10 Marks)

Section - B Short Answer (Either or type) (5x5=25 Marks)

Section - C Essay Type (Either or type) (5x8=40 Marks)

Practical Papers:

Maximum Internal Marks = 40 marks

Maximum External Marks= 60marks

Practicals = 40 marks

Record = 10 marks

Viva-voce = 10 marks

ELIGIBILITY: H.Sc Passed

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD201	PARTERN MAKING AND GARMENT CONSTRUCTION	60	2

Objectives

- To enable students to gain knowledge of basic seam and seam finishes
- To enable students to know various types of Neckline, Sleeve, Collar, Skirts and Pant.

SYLLABUS**UNIT –I****(12 hours)**

MACHINE PARTS, TOOLS AND BODY MEASUREMENTS - Parts and function of a single needle machine, essential tools-cutting tools, measuring tools, marking tools, pressing tools. Body measurements-importance, preparing for measuring, ladies, men, children measurements. Definition - grain, on grain, cross grain, bias, and selvedge

UNIT II**(12 hours)**

NECKLINE AND SLEEVES – Nekline - Types of Neklines- V- Neckline, U- Neckline, Round Neckline, square Neckline, Halter neckline, sweetheart neckline, Off-Shoulder neckline, Boat Neckline, Cowl Neckline, keyhole neckline, Jewel Neckline, Scoop Neckline, Asymmetric neckline. Sleeve - Types of sleeves - plain sleeve, puff at top sleeve, puff sleeve at bottom, puff at top and bottom sleeve, Bishop sleeve, Circular sleeve, Leg-o-Mutton sleeve, Raglan Sleeve, Bell sleeve, Tulip Sleeve, Cap sleeve, Kimono sleeve, Batwing(Magyar) sleeve, Dolman Sleeve, Epaulet sleeve, Victorian Sleeve.

UNIT III**(12 hours)**

COLLAR, SKIRTS AND PANTS- Parts of Collar -Types of Collars - **Peter Pan collar**, Cape collar, Scalloped collar, Puritan collar, Sailor collar, *Square collar, Rippled collar, Full roll convertible collar, Turtle neck collar, Tie collar, **Shirt collar**, Chinese collar, Shawl collar. Skirts and Pant: Skirts- Types of Skirts- Six and Four gore skirt, Circular Skirt, Pleated Skirt, Tulip Skirt, Wrap around Skirt, Layered Skirt, Godet Skirt, A-Line Skirt, and Ballon Skirt. Pant – Parts of Pant - Types of Pants – Pleated Pant, Bell bottom pant, Flared Pant, Hiram Pant, Jodhpur, and Tights.

UNIT IV**(12 hours)**

PATTERN MAKING – Methods of pattern making Types of paper patterns - Pattern details. Steps in drafting bodice front, bodice back and sleeve. Grading definition- Basic Bodice Front and ***Basic sleeve**

UNIT V**(12 hours)**

PATTERN LAYOUT – definition, purpose, rules in layout, types of layout (methods), What can be done if cloth is insufficient, fabric cutting, transferring pattern markings, stay stitching and ease stitching.

* self study

Questions can also be taken from self study

TEACHING METHODS

Google classroom/ PowerPoint presentation/Seminar/Discussion/Assignment

TEXT BOOKS

1. Sumathi.G.D,(2005). *Elements of Fashion and Apparel Designing*. New Delhi: New Age International.
2. Mary Mathews,(1990). *Practical Clothing Construction- Part I and II*, Madras:Cosmic Press.

REFERENCES

1. ManmeetSodhia, 2001, *Dress Designing* Ludhiana: Kalyani Publishers.
2. Zarapkar (2005). *Zarapkar System of Cutting* New Delhi: Navneet publications.

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD2CL	PRACTICAL-I - GARMENT DESIGNING AND CONSTRUCTION-I	60	2

Objectives

- To enable students gain knowledge of basic seam and seam finishes.
- To enable students know various types of Neckline, Sleeve, Collar, Skirts and Pant.

SYLLABUS**1. SEAMS AND FULLNESS**

Seams-Plain ,Single top stitch, Double top stitch, Welt, Lapped, Slot, Flat Fell, French, Mantua Maker's , Piped Seam.

Seam finishes - Edge stitch, Double Stitch, Overcast, Herringbone, Bound seam edge finish.

Hems-Seam binding, Catch stitched, Narrow Machine Stitched, Rolled or Whipped finish, Shell Edged.

Preparation of One Sample for Each

2. FULLNESS AND FASTNERS

Darts - Single Pointed, Double pointed.

Tucks - Pin, Piped or corded, cross tucking, shell or scalloped, group tuck with scalloped effect

Pleats - knife, box, inverted, kick, pinch, cartridge, Godets, Flares,

Gathering - hand, machine, using elastic, with cord piping. Shirring or gauging,

Ruffle – single, double, circular Ruffle.

Fasteners – Button, Buttonhole, Press button, Hook and Eye.

Preparation of One Sample for Each

3. CONSTRUCTION OF CHILDRENS WEAR

Designing and construction of the following dresses:

1. Bib

2. Panties-Plain and elastic panty

3. Jabla features:

I Type

- a) Sleeveless
- b) Close neck
- c) With open

II Type

- a) With Sleeve
- b) Boat neck
- c) With open

4. Summer frock-with suspender at shoulder line, fullness at neck line.

TEACHING METHODS

Google classroom /Power Point presentation/Seminar/Discussion/Assignment

TEXT BOOK

1. Alison Smith, (2009). *The Sewing Book*. Britain: Darling Kindersley Ltd.
2. K.R Zarapker, (2005). *Zarapkar System of Cutting*. New Delhi: Navneet publications.
3. Raul Jewel, (2005). *Encyclopedia of Dress Making*. New Delhi: A.P.H. Publishing Corporation.

REFERENCES

1. Gayatri Verma & KapilDev, (2005). *Cutting and Tailoring Course*. New Delhi: Asian Publishers.
2. The Reader's Digest Association, (2004). *Reader's Digest Sewing Guide, Complete Guide for Sewing, 13th Edition*. The Reader's Digest Association Inc, Pleasant Ville.
3. Thangam Subramaniam, (2006). *Dress Making*. Chennai : Bombay tailoring and Embroidery college.

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD2CM	PRACTICAL-II - GARMENT DESIGNING AND CONSTRUCTION-II	60	2

Objectives

- To enable students learn the aspects of pattern construction.
- To enable students to design and construct various Ladies and Men's Garment Making.

SYLLABUS**1. CONSTRUCTION OF LADIES WEAR**

- **SALWAR** –with/without pleats
- **KAMEEZ** -with neckline variation, with /without slit, full/half sleeve
- **BLOUSE**- front opening, with yoke, *plain sleeve

2. CONSTRUCTION OF MENS WEAR

- **NIGHT SHIRT** –with / without pocket
- **NIGHT PANT**-with side seam pocket

TEACHING METHOD

Google classroom / PowerPoint presentation/Seminar/Discussion/Assignment
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TEXT BOOK

1. R Zarapker, (2005). *Zarapkar System of Cutting*. New Delhi: Navneet publications.
2. Raul Jewel, (2005). *Encyclopedia of Dress Making*. New Delhi: A.P.H. Publishing Corporation.

REFERENCES

1. Gayatri Verma & Kapil Dev, (2005). *Cutting and Tailoring Course*. New Delhi: Asian Publishers.
2. The Reader's Digest Association, (2004). *Reader's Digest Sewing Guide, Complete Guide for Sewing, 13th Edition*. The Reader's Digest Association Inc, Pleasant Ville.

Kongunadu Arts and Science College (Autonomous)
Coimbatore-29
DIPLOMA IN GARMENT MERCHANDISING
Duration: 1 year
Curriculum, Scheme of Examinations and Syllabi
(With effect from academic year 2025-26 and onwards)

S. No	Subject code	Title of The Paper	Instruction Hours		Exam Marks			Duration of Examination (Hours)	Credits
			Theory	Practical	CIA	ESE	Total		
1	25UDCD301	Basics of Textile and Apparel design	60	-	25	75	100	3 Hrs	2
2	25UDCD302	Introduction to Garment Merchandising	60	-	25	75	100	3 Hrs	2
3	25UDCD3CL	Apparel Designing and Textile Testing	-	60	40	60	100	3 Hrs	2
Total Marks							300	-	

The examination will be conducted at the end of the academic year

ESE Question paper pattern

Theory papers: 100 marks

Maximum Internal Marks = 25 marks

Maximum External Marks = 75 Marks

Section - A Multiple choice (10 X 1 = 10 Marks)

Section - B Short Answer (Either or type) (5x5=25 Marks)

Section - C Essay Type (Either or type) (5x8=40 Marks)

Practical Papers:

Maximum Internal Marks = 40 marks

Maximum External Marks= 60marks

Practical = 40 marks

Record = 10 marks

Viva-voce = 10 marks

ELIGIBILITY: H.Sc Passed

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD301	BASICS OF TEXTILE AND APPAREL DESIGN	60	2

Objectives

1. To inculcate the knowledge of fiber to yarn conversion and Fabric Formation methods.
2. To gain knowledge in Basics of Designing and Garment Making

SYLLABUS**UNIT I****(12 hours)**

FIBRE AND YARN MANUFACTURE - Introduction to the field of Textiles – classification of fibres .Manufacturing process, Properties and Uses of Natural fibres – Cotton, Silk, Man-made fibres –rayon, polyester. Spinning – Definition- Blending, Blow room, Carding, Combing, Drawing. Other spinning methods - Wet and Dry spinning, Melt spinning, Bi component spinning, Biconstituent spinning, Integrated Composite spinning.

UNIT II**(12 hours)**

FABRIC FORMATION -Weaving – Definition, Loom -Parts and its Function, Weaving Process- Shedding, Picking , Beating up and Letting off. Basic Weave- Plain, Twill and Satin.Knitting- Definition- Classification – Parts of Knitting Machine, Knitting Cycle and Knitting Notation. Weft Knitting- Single Jersey, Warp Knitting- Tricot. Difference between Woven and Knitted Fabric.

UNIT III**(12 hours)**

WET PROCESSING - Sequence of Processing- singeing, desizing, scouring, bleaching, mercerizing. Dyeing – Dyes – classification. Stages of dyeing – Fibre, Yarn, Fabric and Garment – process involved. Methods of Dyeing; Batch dyeing – Winch, Jigger, Jet Dyeing. Printing – introduction to printing, differences between Printing and Dyeing. Block printing, *Stencil printing, Screen printing. Finishes- Moire, Schreiner, Water repellent, Flame Retardant, Moth and Mildew.

UNIT IV**(12 hours)**

APPAREL DESIGNING-Design –definition, types-Elements of Design-Principles of Design- Colour-Prang colour Theory-Pattern Making-Steps in Drafting –Bodice Front, Back and Sleeve

UNIT V**(12 hours)**

GARMENT MAKING-Types of Seams, Plackets- Two piece, Continuous bound Placket – Neckline - Round, Square- Yokes- Simple yoke, Yoke with fullness. Fullness – Definition, Types. Darts, tucks, Pleats, Flares, And Godets, Gathers and Shirrs, Frills or Ruffles, Flounces. Pockets – Patch pocket, Pocket in a seam. Hand Embroidery Stitches - Chain, Stem, Satin, Herringbone, Lazy-daisy, Bullion knot and Buttonhole.

*** Self study**

Questions can also be taken from self study

TEACHING METHODS

Google classroom /PowerPoint presentation/Seminar/Discussion/Assignment

TEXT BOOKS

1. Navneetkaur, (2010). *Comdex Fashion Design Vol-I. Fashion Concepts* New Delhi : Dream Tech press.
2. N.Gokarneshan, (2016). *Fabric Structure and Design*. New Delhi: New Age International.
3. D B Ajgoanker, (2006). *Knitting Technology* Mumbai: Universal Publishing Corporation.

REFERENCE

1. Sara J Radolph and Anna L Langford, (2002). *Textiles – ninth edition*, Prentice hall, 9th Edition, New Jersey.
2. J L Smith, (2003). *Textile Processing*. Abhishek Publications. Chandigarh.
3. K R Zarapker, (2005). *Zarapkar System of Cutting*, New Delhi: Navneet publications.

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD302	INTRODUCTION TO GARMENT MERCHANDISING	60	2

Objectives

1. To inculcate the knowledge Garment Merchandising in Apparel Industry.

SYLLABUS**UNIT-I (12 hours)**

MERCHANDISER - Merchandising Definition –Types- Fashion Merchandising, Visual merchandising-Role of Merchandiser-Coordination with various Departments-Buying House and Buying Agency.

UNIT-II (12 hours)

BRANDING –Definitions, reasons for branding, Features of Good brand, Types of Brand and Advantages of Branding, Branding Stages - Brand and Brand Strategies.

UNIT-III (12 hours)

RETAILING AND TRADE FAIR- Retailing-Types of Retailing-*Advertising-Supply Chain Management-E-Commerce in Apparel Industry- Trade Fair Participation and Methods of Sales Promotion.

UNIT-IV (12hours)

COSTING - Principle of Costing - Types - Costing a garment - Cost sheet, wholesale. Pricing, cost Merchandising. Costing of various Garments-Children's wear-women's wear - Men's wear - Cost Control.

UNIT-V (12 hours)

DOCUMENTATION- Quota Countries - Non Quota Countries - Quota Items-Non Quota – TPE-FCFS-NIE-NQE-Role of AEPC-Export Certificate-Special Customs Invoice-GSP-IE Code-Commercial Invoice-Packing List-LC-Bill of Exchange-Procedures-Guarantee-Term Loans.

* **Self study**

Question can also be taken from self study

TEACHING METHODS

Google classroom/ PowerPoint presentation/Seminar/Discussion/Assignment

TEXT BOOKS

1. ManmeetSodhia and Poojachatley,(2001). *Fashion Marketing And Merchandising*.
2. Gini Stephens Fringes, (2002).*Fashion from Concept to Consumers 7th Edition*. Pearson Education.
3. Kitty G. Dickerson, (2003).*Inside the Fashion Business*. Singapore: Peason Education.

REFERENCE BOOKS

1. Michael T. Fralix, Rajesh Bheda, (2003). *Managing Productivity in the apparel industry*. New Delhi.
2. D.Chandra Bose,(2010).*Modern Marketing: Principles and Practices*. PH1 Learning Pvt. Ltd.
3. Philip Kotler and Kevin Lane, (2006). *Marketing Management*. Delhi Pearson Education Inc.

Programme: Diploma	COSTUME DESIGN AND FASHION	Total hours	Credits
Course Code: 25UDCD3CL	PRACTICAL I - APPAREL DESIGNING AND TEXTILE TESTING	60	2

Objectives

1. To enable students to gain knowledge of basic seam and seam finishes, Children, Ladies and Men's wear.
2. To enable students to know various fiber, yarn and fabric testing methods

SYLLABUS

1. SEAMS AND FULLNESS & CHILDREN'S WEAR:

Seams - Plain, Single top stitch, Flat Fell, French, Piped Seam. **Seam finishes** - Edge stitch, Double Stitch, Overcast, Herringbone. **Hems**-Seam binding, Catch stitched, Narrow Machine Stitched, Rolled or Whipped. **Fullness** -Darts - Single Pointed, *Double pointed. **Tucks** - pin, piped or corded. **Pleats** - knife, box, Inverted. Godets, Flares, Gathering - using elastic. Shirring or gauging. **Ruffle** – single, double, circular Ruffle. **Preparation of One Sample for Each** Construction of Children's Wear - Jabla

2. LADIES AND MENS WEAR:

Construction of Ladies Night Pant-With Side Seam Pocket Construction of Mens T-shirt – with/without pocket

3. FIBER AND YARN TESTING

Fiber Testing- Burning, Microscopic -Vegetable fibre - Cotton, linen, jute. Animal fiber- silk and wool. Manmade fiber -, Polyester, Rayon Nylon Yarn Testing - yarn count using wrap reel, Beesleys yarn count, yarn Twist and Crimp Testing

4. FABRIC TESTING

GSM, Fabric count, Fabric Weight, Thickness, stiffness, and shrinkage test, Colour Fastness Test - Color matching cabinet, Colorfastness to Sunlight, Washing, and Pressing, Crocking-dry & wet , Colour fastness to perspiration.

TEACHING METHODS

PowerPoint presentation/Seminar/Discussion/Assignment / Google classroom
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TEXT BOOKS

1. The Reader's Digest Association, (2004). *Reader's Digest Sewing Guide, Complete Guide for Sewing, 13th Edition*. The Reader's Digest Association Inc, Pleasant Ville.
2. Thangam Subramaniam, (2006). *Dress Making*. Chennai : Bombay tailoring and Embroidery college.
3. Angappan, Pand R. Gopalkrishnan (2007). *Textile Testing* SSM institute of Textile Technology Students Co-operative stores Ltd.

REFERENCE

1. Zarapkar (2005). *Zarapkar System of Cutting*. New Delhi: Navneet publications.
2. Handbook of Textile Testing and Quality Control, 2011, Elliot B. Grover, D.S. Hamby , Wiley India Edition.